AGENDA

IDAHO WATER RESOURCE BOARD

Board Meeting No. 12-25
WORK SESSION
Thursday, September 11, 2025
8:30 a.m. Mountain Time / 7:30 a.m. Pacific Time

Hilton Garden Inn
Snake River Room
1741 Harrison St. North
TWIN FALLS

Livestream available at https://www.youtube.com/@iwrb

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: ARDR Water Right # 63-34753 AND pursuant to Idaho Code § 74-206(1) subsection (d) to consider records that are exempt from disclosure. Topic: MHAFB Water Resilience Project. Closed to the public.
3. Grant Program Update
4. Amendment to Resolution 28-2025
5. USGS Eastern Snake Plain Aquifer Water Quality Study
6. 2026 Regular Meeting Options
7. Regional Manager's Report
8. Non-Action Items for Discussion
9. Adjourn

The board will break for lunch at approximately noon. Upon adjournment they will attend a field trip to Twin Falls Canal Company facilities. 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.

MEMO

To: Idaho Water Resource Board

From: Neeley Miller

Date: September 9th, 2025

Subject: General Grant Update

REQUESTED ACTION: No action

Staff will provide an update on various IWRB grant programs.

Attachments: MDI Draft Funding Resolution

IWRB Grant Update

Flood Management Grant

- Purpose: Support stream repair, flood mitigation, and flood risk reduction projects
- Eligible Area: State of Idaho
- Eligible Applicants: Flood control districts, drainage districts, irrigation districts, canal companies, municipalities, counties, and public entities
- Maximum Award: $200,000 per project
- Cost Share Requirement: Minimum 50% non-state match
- Evaluation Criteria: Project need, benefits, cost-effectiveness, and readiness to proceed

Flood Management Grants

Flood Management Funding Currently Awarded, Committed, or Under Consideration by IWRB (2019 – 2026)*					
Program Year	**District 1**	**District 2**	**District 3**	**District 4**	**Annual Total**
2019	$207,266	$286,002	$311,141	$26,105	$830,515
2020	$263,119	$26,908	$174,224	$ -	$464,251
2021	$254,073	$299,573	$135,098	$ -	$688,743
2022	$400,787	$20,644	$110,132	$161,783	$693,346
2023	$398,437	$250,000	$200,000	$221,551	$1,069,988
2024	$170,127	$250,000	$500,000	$27,500	$947,627
2025	$145,357	$440,973	$ -	$115,974	$702,304
2026	$63,225	$305,249	$20,172	$72,000	$460,646
District Total	$1,902,391	$1,879,349	$1,450,767	$624,913	$5,857,420

** The table reflects total funding allocations. Since projects are in varying stages of construction, some funds have not been expended yet. FY 2026 awards were announced at the July 2025 meeting. Currently working to get contracts in place.*

Groundwater to Surface Water Conversion Grant

- Purpose: Convert lands from groundwater irrigation to surface water use in designated management areas

- Eligible Area: Round One -Designated Groundwater Management Areas and Critical Groundwater Areas in Idaho; Round Two – ESPA area of common water supply

- Eligible Applicants: Groundwater districts, irrigation districts, canal companies, and irrigation boards of control

- Cost Share Requirement:
  - Soft conversions: IWRB grant ≤ 50% of total cost
  - Hard conversions: IWRB grant ≤ 75% of total cost

- Evaluation Criteria: Project benefits, clarity, and readiness to proceed

Ground to Surface Conversion Grants

	GW to SW Conversion Grant Funding Currently Awarded, Committed, or under Consideration by IWRB (2025-2026)				
FY Year	**District 1**	**District 2**	**District 3**	**District 4**	**Annual Total**
2025	-	-	$5,152,902	$8,177,721	$13,330,624
2026	-	-	$17,919,680	$767,256	$18,686,936
Total			**$23,072,582**	**$8,944,977**	**$32,017,560**

** The table reflects total funding allocations. Since projects are in varying stages of development, some funds have not been expended yet; ** FY 2026 represents applications that are still under consideration by the IWRB; awards scheduled for September.*

Aging Infrastructure Grant

- Purpose: Support rehabilitation and improvement of aging irrigation infrastructure
- Eligible Area: State of Idaho
- Eligible Applicants: Irrigation districts, canal companies, drainage districts, municipalities, counties, and other public water delivery entities
- Maximum Award: $2 million per project or phase of the project
- Cost Share Requirement: IWRB grant cannot exceed 50% of total cost
- Evaluation Criteria: Proposal clarity, public benefit, cost-effectiveness, and readiness to proceed

Aging Infrastructure Grants

Aging Infrastructure Funding Currently Awarded, Committed, or Under Consideration by IWRB (2023 – 2025)*					
Program Year	**District 1**	**District 2**	**District 3**	**District 4**	**Annual Total**
2023	$1,677,871	$9,145,582	$7,357,484	$6,819,063	$25,000,000
2024	$1,369,165	$3,205,055	$6,920,185	$7,361,634	$18,856,039
2025	$2,000,000	$907,889	$3,510,979	$5,975,402	$12,394,270
2026	$3,404,500	$6,832,705	$12,529,970	$8,989,040	$31,756,215
District Total	**$8,451,536**	**$20,091,231**	**$30,318,618**	**$29,145,139**	**$88,006,524**

** The table reflects total funding allocations. Since projects are in varying stages of development, some funds have not been expended yet; ** FY 2026 represents applications that are still under consideration by the IWRB; awards scheduled for mid to late October.*

Measurement and Monitoring Grant

Applications are due September 26th

- Purpose: promote water conservation efforts throughout the Eastern Snake River Plain (ESPA) through the purchase and installation of monitoring equipment, measurement devices, or other supportive infrastructure for ground and surface water diversions

- Eligible Entities: Irrigation Districts, Irrigation Boards of Control, Canal Companies, Drainage Districts, Groundwater Districts, Ditch Companies, Lateral Ditch Users Associations, Reservoir Districts, Municipal Irrigation Districts, Municipalities, Counties and Water Districts

- Geographic Area: Limited to diversions within the Eastern Snake River Plain Aquifer Area of Common Groundwater Supply

- Award Limit: Funding under this program will be limited to 50% of project costs up to a maximum of $250,000 per project

Thank you.

MEMO

To: Idaho Water Resource Board

From: Justin Ferguson

Date: September 9th, 2025

Subject: Surface Water Efficiencies Program – Twin Falls Canal Co. Funding Update

REQUESTED ACTION: Consider A Funding Update For The Twin Falls Canal Co. Project

At the Idaho Water Resource Board's July 25th, 2025, meeting, the Twin Falls Canal Company was awarded funding under the Surface Water Efficiencies Program to develop a recharge basin, install telemetry and monitoring stations for their return flows, and line sections of the existing canal.

The following draft resolution is intended to supersede the resolution approved at that meeting to adjust the funding sources for the project.

Attachments: TFCC Draft Funding Resolution

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE TWIN FALLS CANAL COMPANY SURFACE WATER EFFICIENCY PROGRAM FUNDING REQUEST	RESOLUTION TO AUTHORIZE FUNDING FOR COSTS RELATED TO CANAL LINING, MONITORING EQUIPMENT INSTALLATION, AND SYSTEM IMPROVEMENTS

WHEREAS, Idaho Code § 42-1760 authorizes the Idaho Water Resource Board (IWRB) to expend, loan, or grant money 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, House Bill 445 (HB 445) was passed by the 2025 Idaho legislature, appropriating an ongoing $30 million to the Idaho Water Resource Board to fund water infrastructure projects; and

WHEREAS, through Resolution 19-2025, the IWRB approved a Water Management Account Spending Plan (Spending Plan), which established a budget for the FY 2026 $30 million appropriation as part of an Eastern Snake Plain (ESPA) Regional Water Sustainability Project FY 2026 Earmark (FY 2026 Appropriation). The budget included $5,000,000 for the Surface Water Operational Efficiencies Program; and

WHEREAS, the Spending Plan also included $20,000,000 for Efficiency and Capacity Improvements to Canal Systems; and

WHEREAS, the IWRB passed resolution No. 23-2025 creating the Surface Water Efficiency Program (Program) to fund improvements in water delivery system operations, with a goal of enhancing the efficient use of surface water supplies within the Snake River Plain Aquifer Area of Common Groundwater Supply, in support of the 2024 Stipulated Mitigation Plan entered into by the surface and ground water users on the Eastern Snake Plain; and

WHEREAS, the Twin Falls Canal Company (TFCC) submitted a funding proposal to the IWRB in the amount of $26,340,915 for improvements to surface water operations within their canal system that will reduce TFCC's water demand without reducing incidental recharge to the ESPA; and

WHEREAS, the TFCC estimates the proposed projects will reduce surface water demand by approximately 19,000 and 68,000 acre-feet, furthering the objectives of the 2024 Stipulated Mitigation Plan.

NOW THEREFORE BE IT RESOLVED that the IWRB approves the funding request from the TFCC, in an amount up to $26,340,915, to be applied to the completion of proposed surface water operations

improvements and delivery system efficiencies (Project) that will reduce TFCC's water demand without reducing incidental recharge to the ESPA.

BE IT FURTHER RESOLVED that this resolution will replace existing IWRB resolution number 28-2025 approved July 25th, 2025.

BE IT FURTHER RESOLVED that funding under this resolution shall be disbursed in annual installments, contingent upon future legislative appropriations, and unused portion of an annual installment shall be carried forward to the following year.

BE IT FURTHER RESOLVED that the first installment of $11,000,000 for initial materials purchases and labor shall be funded as follows: $10,000,000 from funding budgeted for the Water Management Account's Efficiency and Capacity Improvements to Canal Systems Grants, $1,000,000 from the Surface Water Operational Efficiencies Program. Subsequent funding shall be drawn from ongoing appropriations authorized under HB 445 or, as available, from the Water Management Account, in accordance with the following schedule:

Funding amounts per fiscal year for the Project						
Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
$2,200,000	$2,200,000	$2,200,000	$2,200,000	$2,200,000	$2,200,000	$2,140,915

BE IT FURTHER RESOLVED that the IWRB authorizes its Chairman or designee, to execute the necessary agreements or contracts with TFCC for the purpose of this resolution.

DATED this 12th day of September, 2025.

_____
JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST _____
DEAN STEVENSON, Secretary

Memorandum

To: Idaho Water Resource Board

From: Josh Morell

Date: September 11th, 2025

Re: United States Geological Survey – Recharge Water Quality Study

REQUIRED ACTION: The Board will consider approval of a resolution to authorize expenditure of funds from the Secondary Aquifer Stabilization Fund.

Summary:

Total IWRB Cost: $311,900

Goal of Study: Complete a large-scale regional analysis of ground and surface water quality data on the IWRB's recharge program.

Deliverables: A published report by the United States Geological Survey (USGS) by September 30, 2028.

Request of the IWRB:

Authorize the expenditure of $311,900 from the Secondary Aquifer Planning, Management, and Implementation Fund to carry out a water quality study on the IWRB's Eastern Snake Plain managed aquifer recharge program as part of an effort to increase the understanding of water quality effects of recharge on the Eastern Snake Plain Aquifer (ESPA).

Background:

The IWRB's recharge program has conducted 150,000 water quality tests since 2015. To date there has been no large-scale regional analysis of ground water and surface water quality for the Boards recharge program. The information provided by the proposed study will give the Board a better understanding of the interactions between surface water recharge and ground water quality. Additionally, the results will be important to address community concerns about the impacts of managed aquifer recharge on groundwater quality and for informing future management strategies for the ESPA.

Study Cost:

The project will be primarily funded by the IWRB, but the USGS will fund $60,000 of the study. The table below shows an estimated breakdown of costs per fiscal year. If the full IWRB portion is not fully spent in a fiscal year the remaining money will roll over into the next fiscal year for the study.

Table 1. Proposed project budget.

	FFY26	FFY27	FFY28	Total
Fiscal Year Total	$118,900	$125,200	$127,800	$371,900
USGS Portion	$20,000	$20,000	$20,000	$60,000
IDWR Portion	$98,900	$105,200	$107,800	$311,900

Study Timeline:

This study will be completed over approximately three years, starting in quarter one of the federal fiscal year 2026 and will end in quarter four of federal fiscal year 2028. The anticipated timeline for the study is outlined in table 2.

Table 2. Proposed study timeline.

Task or Element	FFY 2026				FFY 2027				FFY 2028			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
Task 1: Data Gathering and Preparation	X	X	X	X	X							
Task 2: Comparative Analysis		X	X	X	X							
Task 3: Trends Analysis			X	X	X	X						
Task 4: Conference Presentation of Findings (potential schedule)					X			X			X	
Report drafting						X	X	X	X			
Report review								X	X	X	X	X
Report publication												X
Data Release											X	X

IDAHO
Water Resource Board

USGS Eastern Snake Plain Aquifer Water Quality Study

IWRB Board Meeting

Josh Morell
IDWR Recharge Project Manager

September 11 , 2025

IWRB Recharge

- Primary goal of stopping groundwater level declines
- Since 2015 the IWRB has recharged 2.5 million acre-feet
- IWRB goal of 250,000 acre-feet ⟶ 350,000 acre-feet of recharge

What impact has recharge had on aquifer water quality?

- The IWRB's Recharge Program has conducted over 150,000 water quality tests (2015-2025) across the ESPA
- Other State and Federal agencies also have large water quality databases on the ESPA
- There hasn't been a large-scale regional analysis done on the effects of recharge on water quality on the ESPA

USGS Proposal

Total cost: $371,900

Total IWRB cost: $ 311,900

Deliverable: A published report by the USGS to be completed by September 2028

Rationale for Study

1) Answers questions on the effects of recharge on groundwater quality across the ESPA from a reputable source (published report)

2) Third party review of impacts to groundwater water quality from recharge from a reputable source

3) Results will help address community concerns about the water quality impacts of recharge

4) Help inform the IWRB on future management strategies for the ESPA

USGS
science for a changing world

Eastern Snake River Plain managed aquifer recharge water-quality assessment

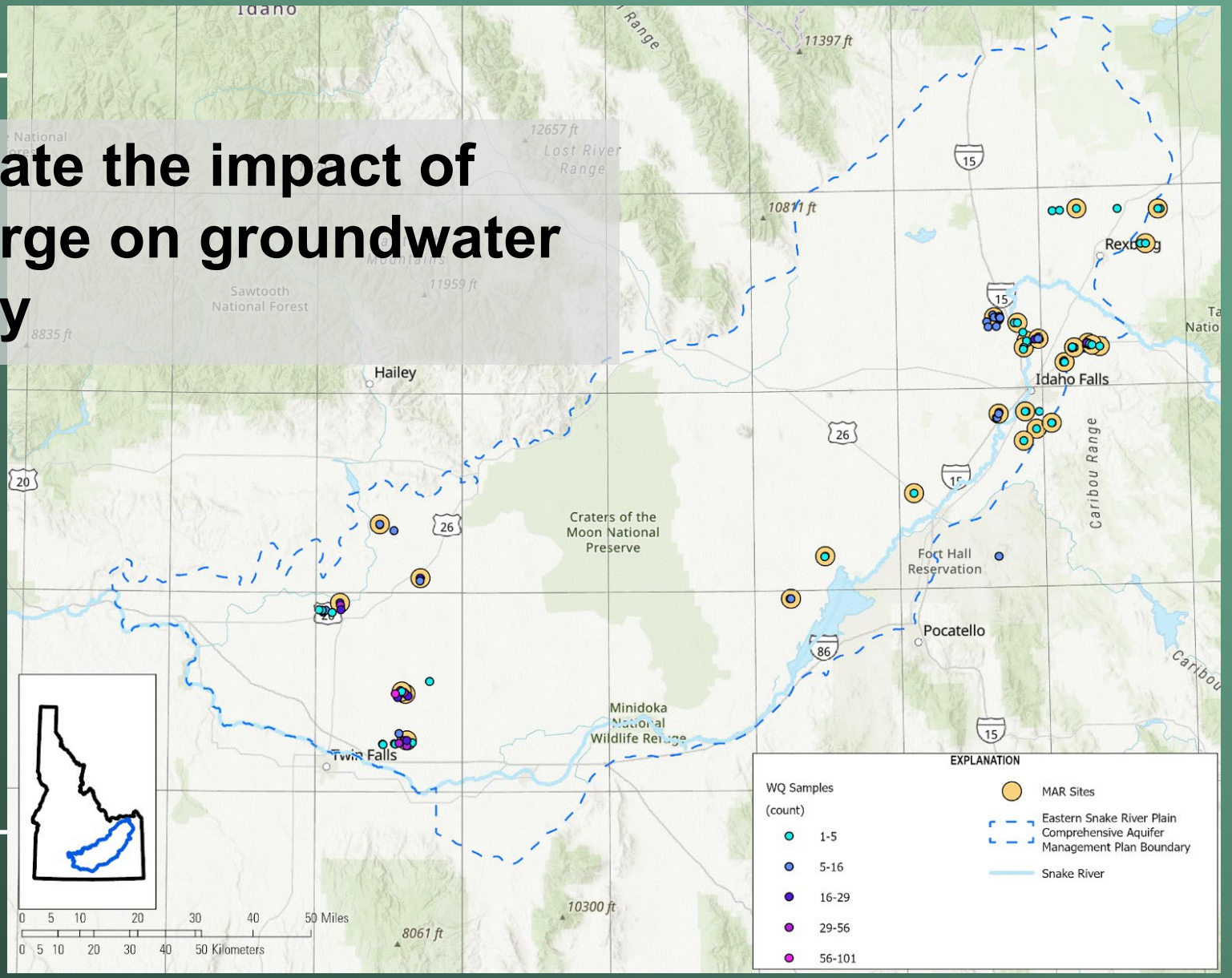
Kenneth Skinner
Paul Thomas

In cooperation with Idaho Water Resource Board
and Idaho Department of Water Resources

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

Purpose

- **Evaluate the impact of recharge on groundwater quality**



USGS

Objectives

- Data compilation
- Statistical trend analysis
- Recharge and groundwater interaction analysis

USGS

Data compilation and verification

- Sources: MAR program data, IDWR, IDEQ, USGS, Irrigation Districts, …
- Compile available water-quality data with an emphasis on bacteria, nutrients, field parameters, trace elements, pesticides, major inorganics
- Verification – sites, chemical forms, units

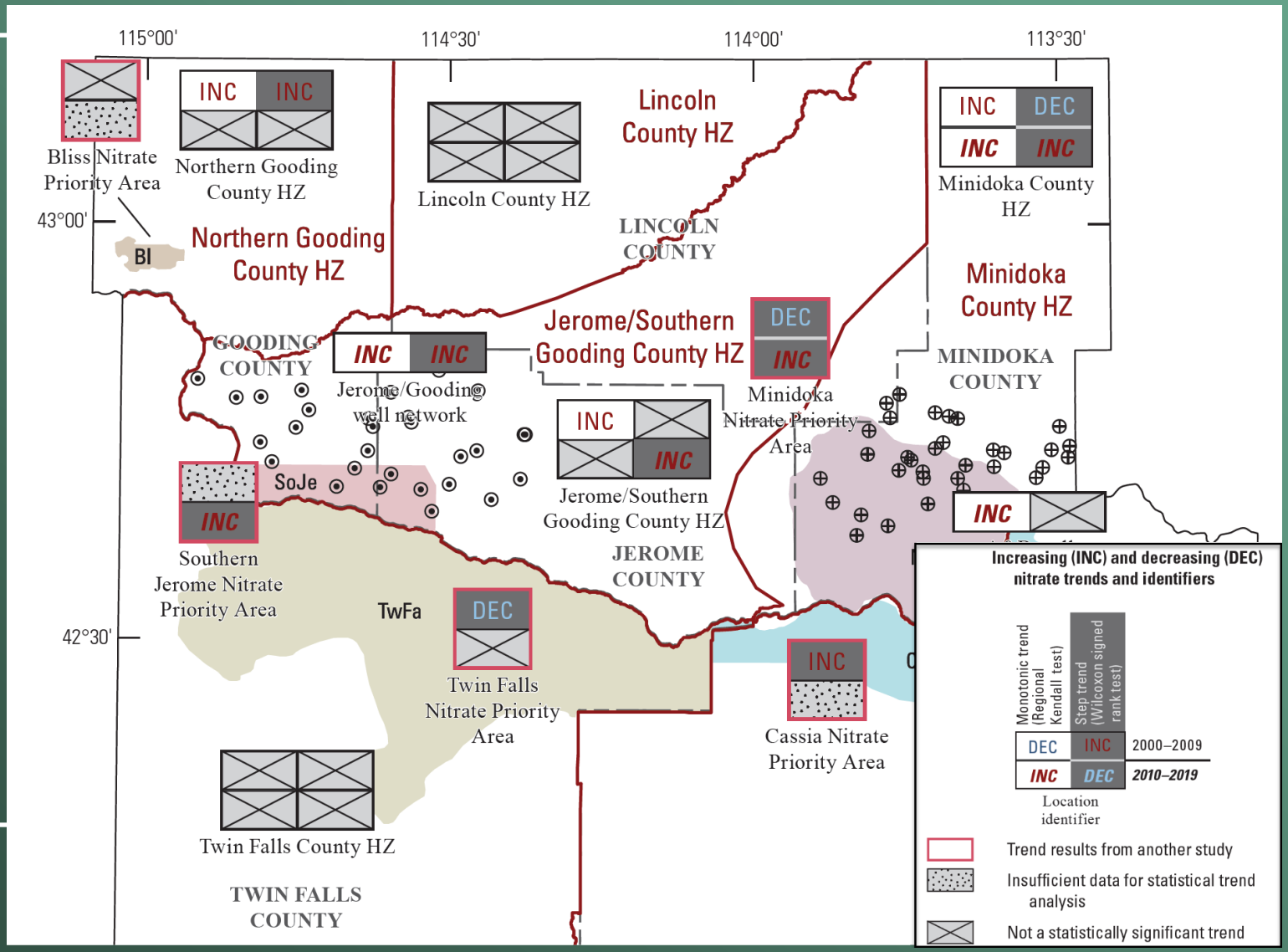
USGS

Statistical trends

- Identify if water-quality trends exist
  - Trends exist before recharge?
  - Trends (magnitude) influenced by recharge?
- Trends for individual sites and areas as possible
- Account for seasonality

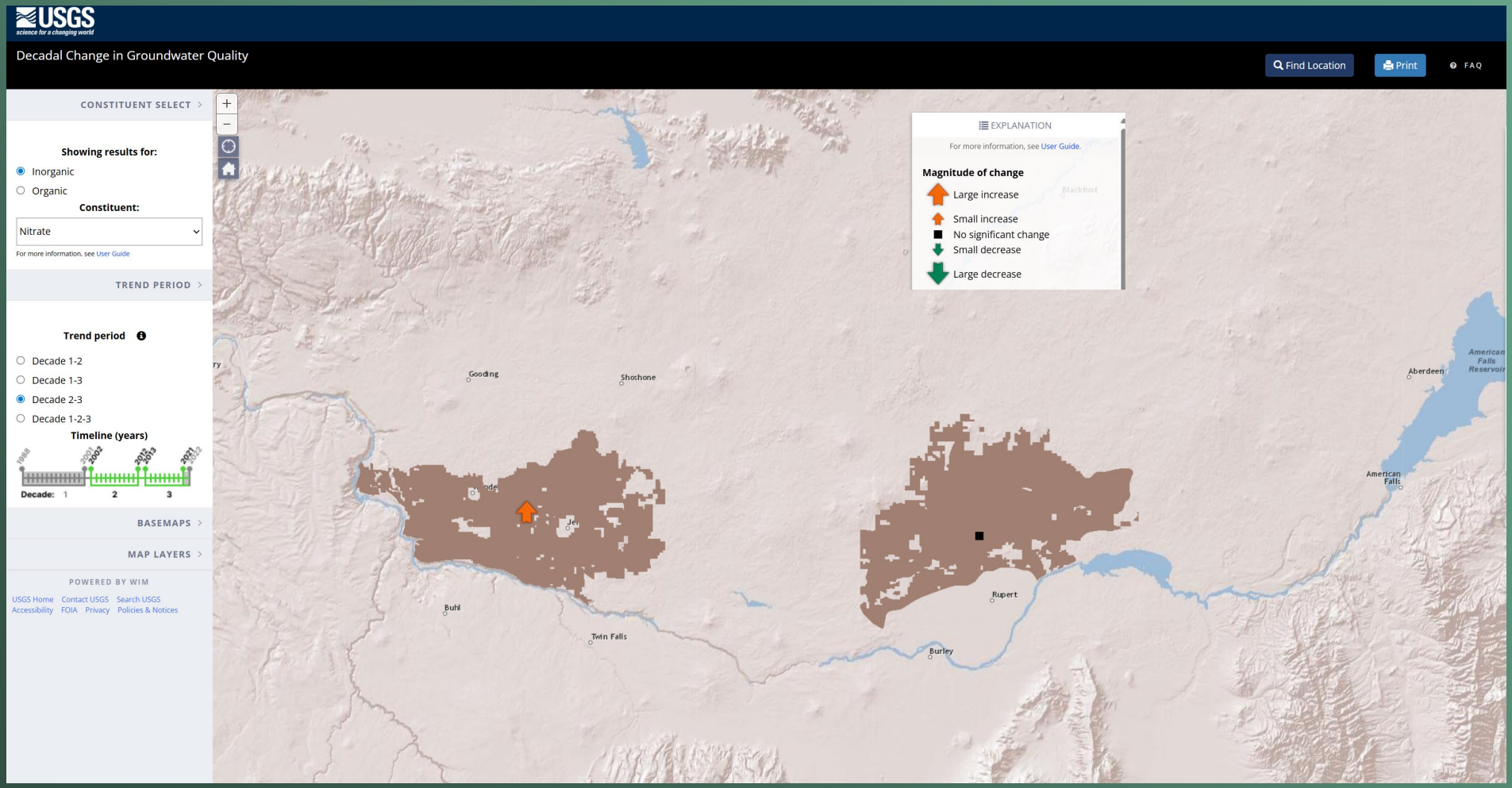
USGS

Statistical trends



USGS

Statistical trends - magnitude



USGS

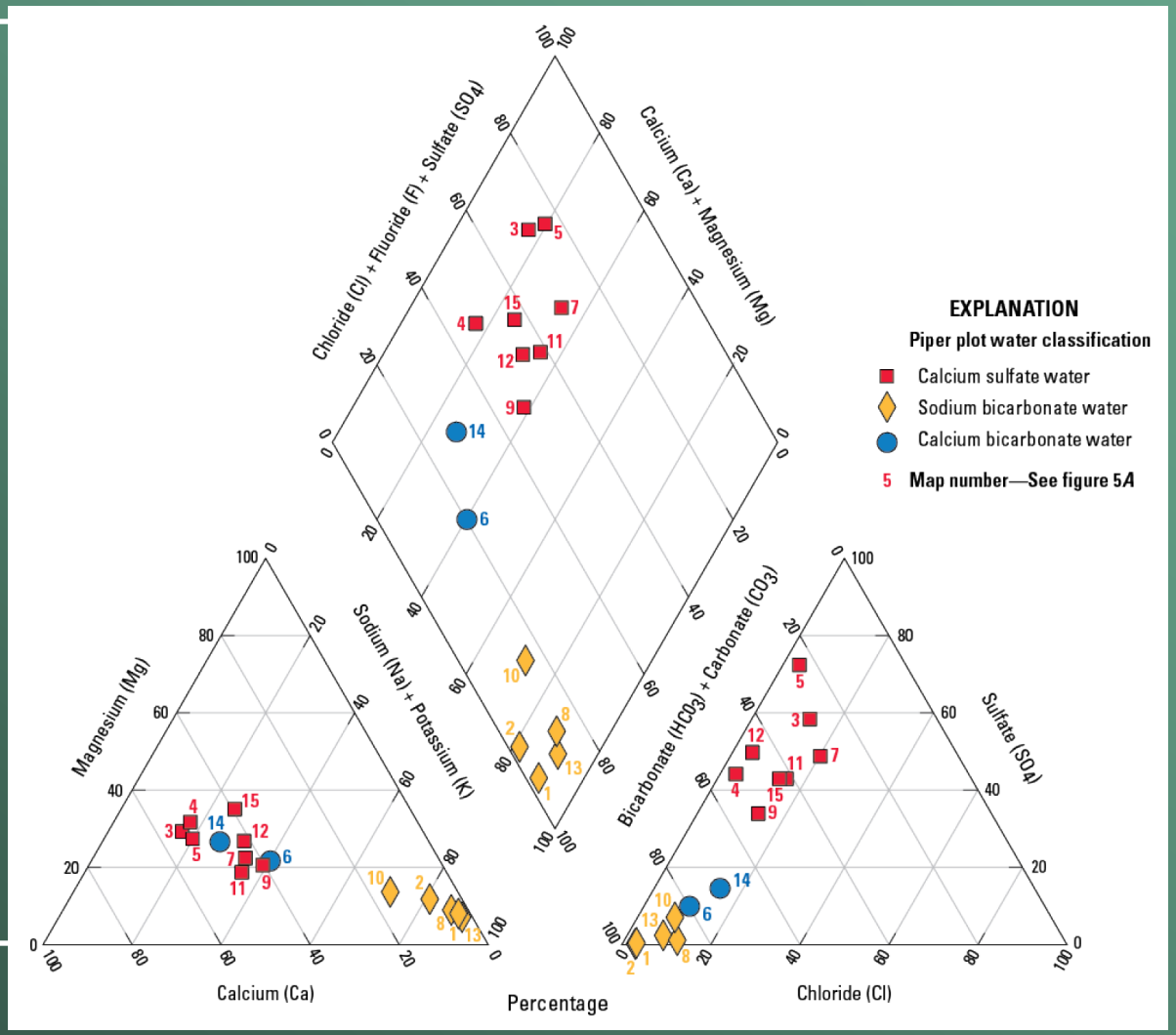
Effects of recharge on groundwater quality

- Determine if chemical mixing can be evaluated
- Will provide timing, spatial extent, and magnitude of recharge/GW mixing

USGS

Recharge and groundwater interaction

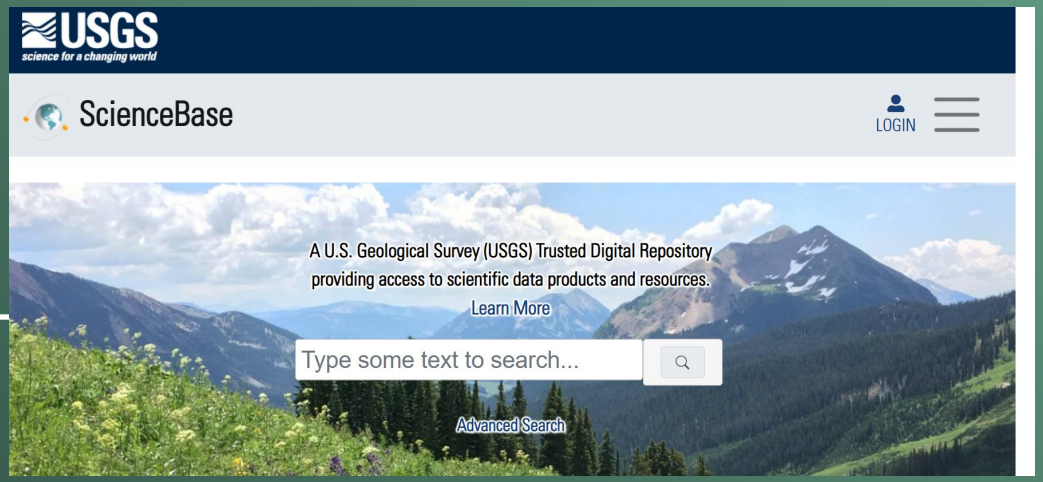
- Piper Plots
- Stiff Diagrams



USGS

Products and publications

- Presentations
  - IDEQ GWMTC meetings
  - Idaho Water-quality workshop
  - National conference
- USGS Scientific Investigations Report
- USGS Data Release



USGS

Timeline & Budget

Task or Element	FFY 2026				FFY 2027				FFY 2028			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
Task 1: Data Gathering and Preparation	X	X	X	X	X							
Task 2: Comparative Analysis		X	X	X	X							
Task 3: Trends Analysis			X	X	X	X						
Task 4: Conference Presentation of Findings (potential schedule)					X			X			X	
Report drafting						X	X	X	X			
Report review								X	X	X	X	X
Report publication												X
Data Release											X	X

	FFY26	FFY27	FFY28	Total
Fiscal Year Total	$118,900	$125,200	$127,800	$371,900
USGS Portion	$20,000	$20,000	$20,000	$60,000
IDWR Portion	$98,900	$105,200	$107,800	$311,900

USGS

Questions

Idaho Department Of Water Resources

USGS

Water-quality assessment and trends evaluation of the Eastern Snake River Plain Aquifer related to Idaho's Managed Aquifer Recharge Program

Kenneth Skinner and Paul Thomas, U.S. Geological Survey, Idaho Water Science Center

Prepared for Idaho Water Resource Board

June 26, 2025

Background / Introduction

The Eastern Snake River Plain (ESRP) is a semi-arid valley spanning approximately 10,800 square miles in southeastern Idaho (fig. 1); its geology is characterized by layered basalt flows interspersed with discontinuous sedimentary deposits. Beneath the ESRP lies the Eastern Snake Plain Aquifer (ESPA), which generally flows to the southwest from higher elevations near the Teton Mountains on the Idaho-Wyoming border towards Twin Falls, discharging as numerous springs to the Snake River (IDWR 1999; Hipke and others, 2022).

Agricultural industries within the ESRP are significant contributors to Idaho's economy, producing around one-third of the state's economic output, and rely heavily on groundwater from the ESPA and surface water from the Snake River and its tributaries (Hipke and others, 2022). The construction of canals and reservoirs in the early 1900s increased incidental recharge to the ESPA through seepage from surface water conveyances and flood irrigation. However, by the 1950s, the introduction of large groundwater pumps began to supplement irrigation where surface water was insufficient, leading to a decline in the aquifer's water levels (IWRB, 2009).

In response to these declining groundwater levels, the State of Idaho implemented a comprehensive aquifer management plan in 2009, focusing on managed aquifer recharge (MAR). Since then, over 20 recharge sites have been established, collectively recharging an average of 250,000 acre-feet of water annually since 2014 (IWRB, 2025). Each site operates under its own detailed water-quality management plan approved by the Idaho Department of Environmental Quality (IDEQ). Since the initiation of full-scale operations in 2015, thousands of water samples have been collected to monitor these recharge efforts.

Problem

There has been no comprehensive analysis of groundwater and surface-water quality data for Idaho's MAR program. As such, there is currently limited understanding of the interaction between the water-quality of surface water recharge and groundwater quality. This information is important to address community concerns about the impact of MAR on groundwater quality and for informing future management strategies for the aquifer.

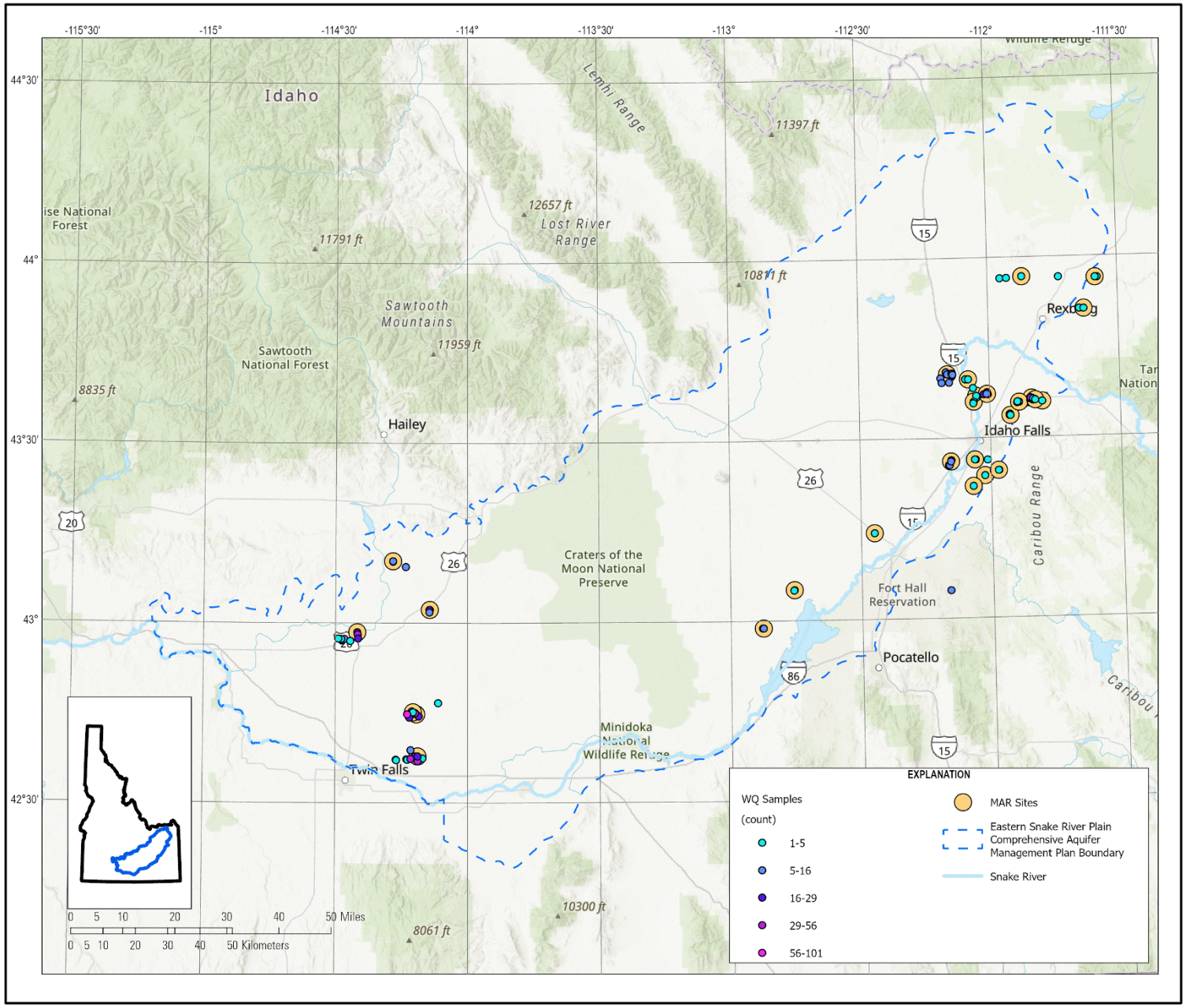


Figure 1. State of Idaho's managed aquifer recharge and water-quality sampling sites on the Eastern Snake River Plain

Objectives and Scope

This project aims to provide the Idaho Water Resource Board (IWRB) MAR Program with an analysis of available water quality and quantity data related to MAR efforts (Wesley Hipke and others, 2022). The analysis will describe baseline groundwater-quality conditions prior to recharge events, evaluate groundwater-quality changes over time (trends), and compile recharge water quality and compare it with groundwater quality during and after recharge. Water-quality and quantity data will be evaluated from 2010 through October 2024. Additionally, chemical mixing between groundwater and recharge water will be evaluated; however, this will not be a primary focus, and its feasibility will depend on data availability. Emphasis will be placed on data related to the IWRB MAR Program's 21 recharge sites across the ESRP. This project will assess the effects of MAR on groundwater quality and quantity in relation to regional trends near the recharge sites.

Relevance and Benefits

This study is consistent with the national U.S. Geological Survey (USGS) mission and goals and with water-resource issues identified within the USGS Water Science Strategy (Evenson and others, 2013). The proposed study addresses several USGS science strategy objectives and goals, including:

- Assessment of water resources and their suitability to meet human and ecosystem needs.
- Comprehensive understanding of human interactions with water availability.
- Predict changes in the quantity and quality of water resources in response to changing climate, population, land-use, and management scenarios.

This study will provide IWRB resource managers with information to understand the relation of surface-water quality and groundwater quality, which will help inform IWRB administration of current and future MAR projects.

Approach

The investigation will involve compiling and analyzing available water-quality and quantity data for the ESRP. This includes, but is not limited to, MAR program data, Idaho Department of Water Resources (IDWR) groundwater dye tracer data, IDWR statewide groundwater quality and groundwater level programs, IDEQ water-quality data, USGS water-quality data, and possible ancillary datasets such as from irrigation districts or other water-research entities. These data will be analyzed temporally and spatially with a focus on MAR sites; the data will also be analyzed for regional trends in the upper valley (above American Falls Reservoir) and lower valley (below American Falls Reservoir) of the ESRP. Key parameters will include nutrient concentrations, salinity, bacteria, major and trace inorganics, and volumetric recharge data. Statistical methods, including trend analysis and correlation assessments, will be employed to identify water quality and quantity trends.

The methodology for this investigation will consist of several key components:

1. **Data Compilation and Comparison:** Water-quality and quantity data will be compiled from the IWRB MAR Program, focusing on parameters such as bacteria, nutrients (including phosphorus and nitrate), trace elements (e.g., arsenic), major inorganic constituents, uranium, pesticides,

and groundwater levels. Water quality and quantity data collected in the ESRP from 2010 to 2024 will also be compiled from other available sources, including but not limited to IDWR, IDEQ, and USGS. Data will be evaluated for comparability amongst the different sources, for example, verifying species of nitrate or phosphorus are the same between datasets. Data will be compiled beginning 2010 to the start of MAR activities at a given site to establish groundwater-quality baseline conditions prior to MAR activities and to also coincide with previous water-quality trends studies for comparison (McMahon, 2020; Skinner, 2022).

2. **Statistical Trend Analysis:** Statistical methods will be used to evaluate water-quality temporal and spatial trends where sufficient data are available. Water-quality trends will describe where and when water-quality conditions are changing and the magnitude of change. The Mann-Kendall test will be used to detect monotonic trends of groundwater quality from individual wells, and the Regional Kendall and Wilcoxon Signed Rank tests (Helsel and others, 2020) will assess spatial trends across the upper and lower ESRP from 2010 to present. These analyses will help identify changes in water-quality parameters over time, similar to methodologies applied in the USGS and IDEQ studies by Elliott (2021), McMahon (2020), and Skinner (2022). Water-quality data will be evaluated for seasonal variations and this variation will be taken into account in the trends analysis by evaluating trends by specific season. Some water-quality types such as pesticides typically are either detected at low concentrations or not detected. Trends analysis for these constituents typically focus on pesticide detection and not concentration. Nonparametric tests such as the Mann-Kendall trend test are used for evaluating pesticide detection / nondetection trends or parametric analysis of the frequency of pesticide detection over time.

3. **Recharge and Groundwater Interaction Analysis:** Recharge and groundwater quality and quantity data will be evaluated to determine if chemical mixing can be inferred from available data and potentially the timing, spatial extent, and magnitude of interaction. Groundwater and recharge water will be characterized prior to recharge events using hydrogeochemical plots such as Piper Plots and Stiff diagrams. If separate stable chemical signatures are present, then mixing calculations will be done to estimate the proportion of each water in the mixture over time. Recharge and groundwater interaction will utilize key parameters such as nutrients, inorganic compounds, and trace elements. GIS tools will be employed to visualize the spatial distribution of water-quality data in relation to MAR sites, allowing for the exploration of potential relationships between MAR activities and observed water quality. Previous studies by Fritz (2023) of MAR and groundwater-quality data did not indicate chemical interaction or mixing but identified the quantitative effects of recharge.

4. **Presentation and Summary of Results:** Investigation results will be presented at conference, including the potential participation in the 13th International Symposium for Managed Aquifer Recharge (ISMAR). Given that MAR in Idaho was introduced at the 11th ISMAR in 2022 (Hipke and Thomas, 2022), the focus of the presentation would be on results from this study in context of the regional ESPA. Project findings will also be presented at local meetings and workshops and possibly to interested citizen groups in the ESRP. A Scientific Investigations Report and related data release will be published.

Through the application of these methods, this investigation aims to provide an assessment of water quality and quantity trends associated with the IWRB MAR Program in relation to the ESRP aquifer.

Quality Assurance/Quality Control

Project personnel will evaluate data for accuracy, reasonableness, and compatibility. For example, data collection locations will be reviewed for spatial accuracy and concentration data will be reviewed for reasonableness. Water-quality data will be reviewed for compatibility amongst the different data sources such as verifying that nitrate concentrations represent the same form of nitrate (for example, nitrate defined as nitrate + nitrite as nitrogen as compared to nitrate as nitrogen).

The interpretive report will be reviewed according to practices outlined by the USGS Fundamental Science Practices Advisory Committee (2011) and subsequent memos and in the Quality Assurance and Data Management Plan for the Idaho Water Science Center (Idaho Water Science Center, U.S. Geological Survey, written commun., 2024). The results of the study will be published in a peer-reviewed USGS Scientific Investigation Report (SIR) and Data Release.

Data Management Plan

Project data will be made available to the public according to procedures described in the Quality Assurance and Data Management Plan for the Idaho Water Science Center (Idaho Water Science Center, U.S. Geological Survey, written commun., 2024) and the project-specific data management plan (Skinner, U.S. Geological Survey, written commun., 2025). Data associated with the project and generated by the USGS will be stored in the USGS NWIS database, as appropriate. Data that are not suitable for NWIS will be published in a USGS ScienceBase Data Release, consistent with the USGS Fundamental Science Practices (Fundamental Science Practices Advisory Committee, 2011).

Timeline

This study will be completed over approximately three years, starting in quarter one of federal fiscal year 2026 (FFY 2026) and will end in quarter four (FFY2028). Anticipated timeline for the study is laid out in table 1.

Table 1. Proposed project timeline.

Task or Element	FFY 2026				FFY 2027				FFY 2028			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep
Task 1: Data Gathering and Preparation	X	X	X	X	X							
Task 2: Comparative Analysis		X	X	X	X							
Task 3: Trends Analysis			X	X	X	X						
Task 4: Conference Presentation of Findings (potential schedule)					X			X			X	
Report drafting						X	X	X	X			
Report review								X	X	X	X	X

Report publication												**X**
Data Release											**X**	**X**

Personnel

This project will be conducted by hydrologists at the USGS Idaho Water Science Center. Paul Thomas (Support Hydrologist) will act as project manager with Kenneth Skinner (Lead Hydrologist) providing his expertise as the principal investigator. The project manager will be responsible for project planning, coordination of activities, data management, and the associated data release. The principal investigator will be responsible for the bulk of the data analysis and report preparation assisted by the project manager and a junior-level hydrologist (Junior Hydrologist) who will assist with project-related tasks as needed (data gathering and preparation). Approximate time commitments for project personnel are by federal fiscal year (FFY) in Table 2.

Table 2. Proposed personnel hours

	FFY 2026	FFY 2027	FFY 2028
Lead Hydrologist	460	610	320
Support Hydrologist	350	270	270
Junior Hydrologist	220	60	130

Deliverables

The planned deliverables are a USGS Scientific Investigations Report (SIR) and an accompanying USGS ScienceBase Data Release published by September 30, 2028. The Data Release will include data not publicly available that was used for analysis in the SIR along with detailed analysis results.

Budget Summary

The project will be funded by IDWR and USGS. The estimated total proposed budget is $371,900. The breakdown by federal fiscal year is shown in Table 3.

Table 3. Proposed project budget

	FFY26	FFY27	FFY28	Total
Fiscal Year Total	$118,900	$125,200	$127,800	$371,900
USGS Portion	$20,000	$20,000	$20,000	$60,000
IDWR Portion	$98,900	$105,200	$107,800	$311,900

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BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE UNITED STATES GEOLOGICAL SURVEY RECHARGE WATER QUALITY STUDY	RESOLUTION TO APPROVE FUNDS FROM THE SECONDARY AQUIFER PLANNING, MANAGEMENT, AND IMPLEMENTATION FUND AND PROVIDE SIGNATORY AUTHORITY

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

WHEREAS, due to numerous factors, including drought, the ESPA has been losing approximately 216,000 acre-feet annually from aquifer storage since the 1950's resulting in declining ground water levels in the aquifer and reduced spring flows to the Snake River; and

WHEREAS, the 2025 Idaho Legislature passed and approved Senate Concurrent Resolution 110 supporting the 2024 Stipulated Mitigation Plan and supporting the IWRB revising the State Water Plan and the ESPA Comprehensive Aquifer Management Plan to establish a state-funded ESPA managed recharge goal of 350,000 acre-feet on an average annual basis; and

WHEREAS, implementation of managed recharge on the ESPA will assist in the goals and objectives of stabilizing and improving aquifer levels to protect municipal and domestic drinking water supplies, support agriculture and other industries important to the state economy, and help address variability in climatic conditions, including drought; and

WHEREAS, the Board approved Resolution 18-2025 on May 23, 2025, (Secondary Aquifer Planning Management & Implementation Fund Fiscal Year 2026 Budget) which included funds for additional ESPA Managed Recharge Program Investigations and funds Reserved for Work in Other Priority Aquifers.; and

WHEREAS, United States Geological Survey ("USGS") presented a proposal to IWRB on September 11, 2025, detailing a Recharge Water Quality Study with a total cost of $371,900 and a request of the IWRB for $311,900; and

WHEREAS, the proposed Recharge Water Quality Study will support the development of the ESPA Managed Recharge Program and assist in developing best practices for conducting managed recharge for the ESPA.

NOW THEREFORE BE IT RESOLVED that the IWRB authorizes expenditures up to $311,900 from the Secondary Aquifer Planning, Management, and Implementation Fund the implementation of the Recharge Water Quality Study; and

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 12th day of September, 2025.

_____
JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST _____
DEAN STEVENSON, Secretary

Memorandum

To: Idaho Water Resource Board

From: Planning Staff

Date: August 06, 2025

Re: Meeting Dates for 2026

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

The following options for 2026 Regular Meetings are proposed for consideration by the Board. Please email preferences to Admin. Assistant prior to our November 2025 meetings.

- January 23, 2026
    - Things to consider: IWUA Annual Convention is planned for January 19-22, 2026 in Boise.
- March 19-20, 2026 or March 26-27, 2026
    - Usually held in Boise
    - Field trip option
- May 14-15, 2026 or May 21-22, 2026
    - Things to consider: Memorial Day will be May 25th
    - Possible location for meetings:
- July 23-24, 2026 or July 30-31, 2026
    - Possible location for meetings:
- September 10-11, 2026 or September 17-18, 2026
    - Possible location for meetings:
- November 12-13, 2026 or November 19-20, 2026
    - Things to consider: Thanksgiving will be November 26th
    - Usually held in Boise

IDAHO DEPARTMENT OF WATER RESOURCES

Idaho Water Resource Board Southern Region Update

Corey Skinner
IDWR Southern Region Manager

September 11, 2025

Corey Skinner

- Born in Twin Falls, ID
- Grew up on a farm/ranch south of Twin Falls on the Salmon Tract
- Attended the College of Southern Idaho & Idaho State University
- Hired on with IDWR in May of 1995 as the Southern Region Dam Safety Engineer
- Promoted to Southern Region Manager in July of 2016

Salmon Dam, Twin Falls County

IDAHO DEPARTMENT OF
WATER RESOURCES

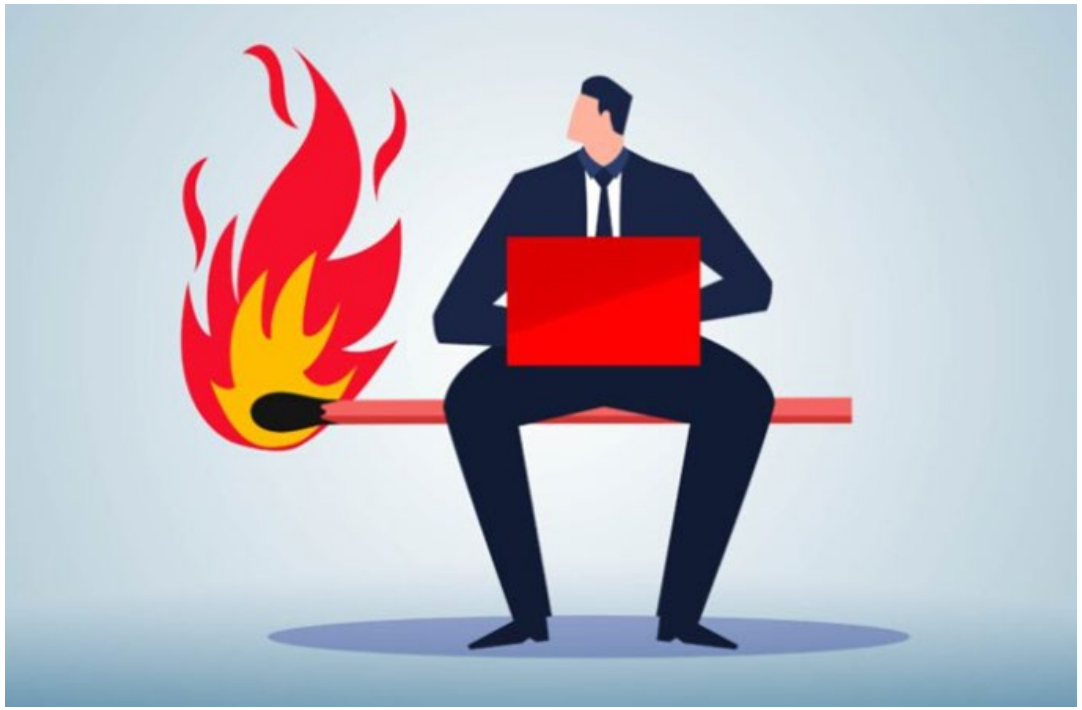
Processing Achievements

- Reduced Backlogs
- Rapid Processing Times

Moving Forward

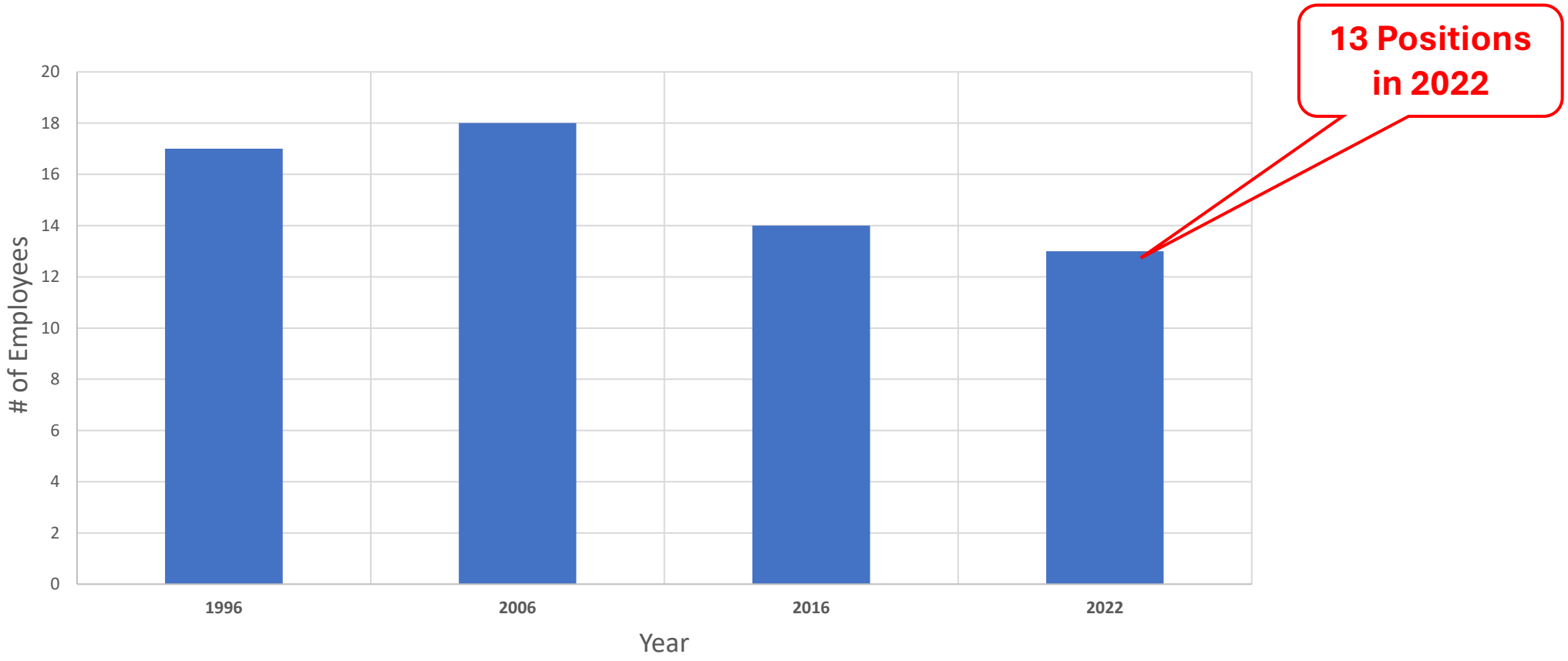
Challenges

Challenges Since 2022



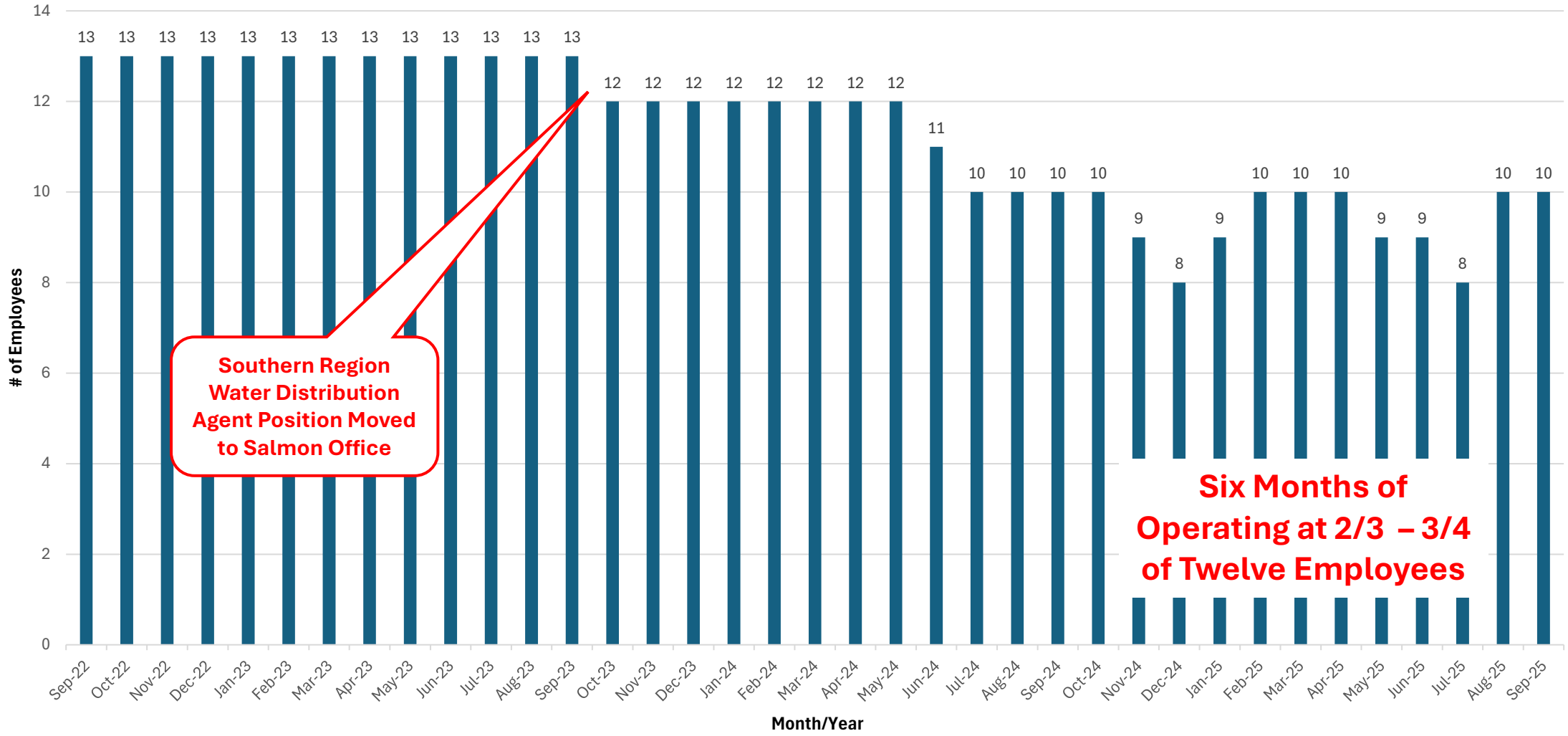
- **Staffing (reduced number of employees, retirements, hiring and onboarding new employees, etc.)**

Historical Number of Employees in Southern Region



IDAHO DEPARTMENT OF
WATER RESOURCES

Number of Employees in Southern Region September 2022 – September 2025



IDAHO DEPARTMENT OF WATER RESOURCES

September 2025 Southern Region Organization Chart

Less Experienced Staff Than in Years Past

- Spring 2024 – Southern Region had 12 employees with an overall average of 15 years of experience with IDWR
- September 2025 – Southern Region has 10 employees with an overall average of 9 years of experience with IDWR
- Currently five employees with four or less years of experience
  (Three employees with less than eight months of experience)
- Currently Two Open Positions

Corey Skinner
Regional Manager
30 years with IDWR

Water Right Processing

Denise Maline
Administrative Assistant 1
32 years with IDWR

Suzanne George
Tech Records Specialist 2
11 years with IDWR

OPEN
Office Specialist 2 Position

Clinton Barnes
Sr. Water Resource Agent (Well Drilling)
11 years with IDWR

Tyler Wallace
Engineer Associate (Dam Safety)
4 years with IDWR

OPEN
Water Resources Supervisor Position

Bill Mills
Sr. Water Resource Agent (Water Rights)
15 years with IDWR

Larry Hansen
Water Resource Agent (Water Rights)
0.1 years with IDWR

Kate Radmall
Water Resource Agent (Water Rights)
0.1 years with IDWR

Water Distribution Section Staff Supervised by IDWR State Office Staff

Corey King
Staff Hydrologist
4 years with IDWR

Kaden Hensley
Water Resource Agent
0.6 years with IDWR

Challenges Since 2022

- New and more complex job assignments (assisting other regions, BWRGWMA, curtailment support efforts, etc.)

In February of 2023, Southern Region staff started conducting field exams and issuing licenses in Western Region

- **High number of Permits Resolved for Southern Region from October 2022 - September 2023 but 84% of permits resolved were Western Region permits**

- **Southern Region licensing effort in Western Region tapered off in summer of 2024.**

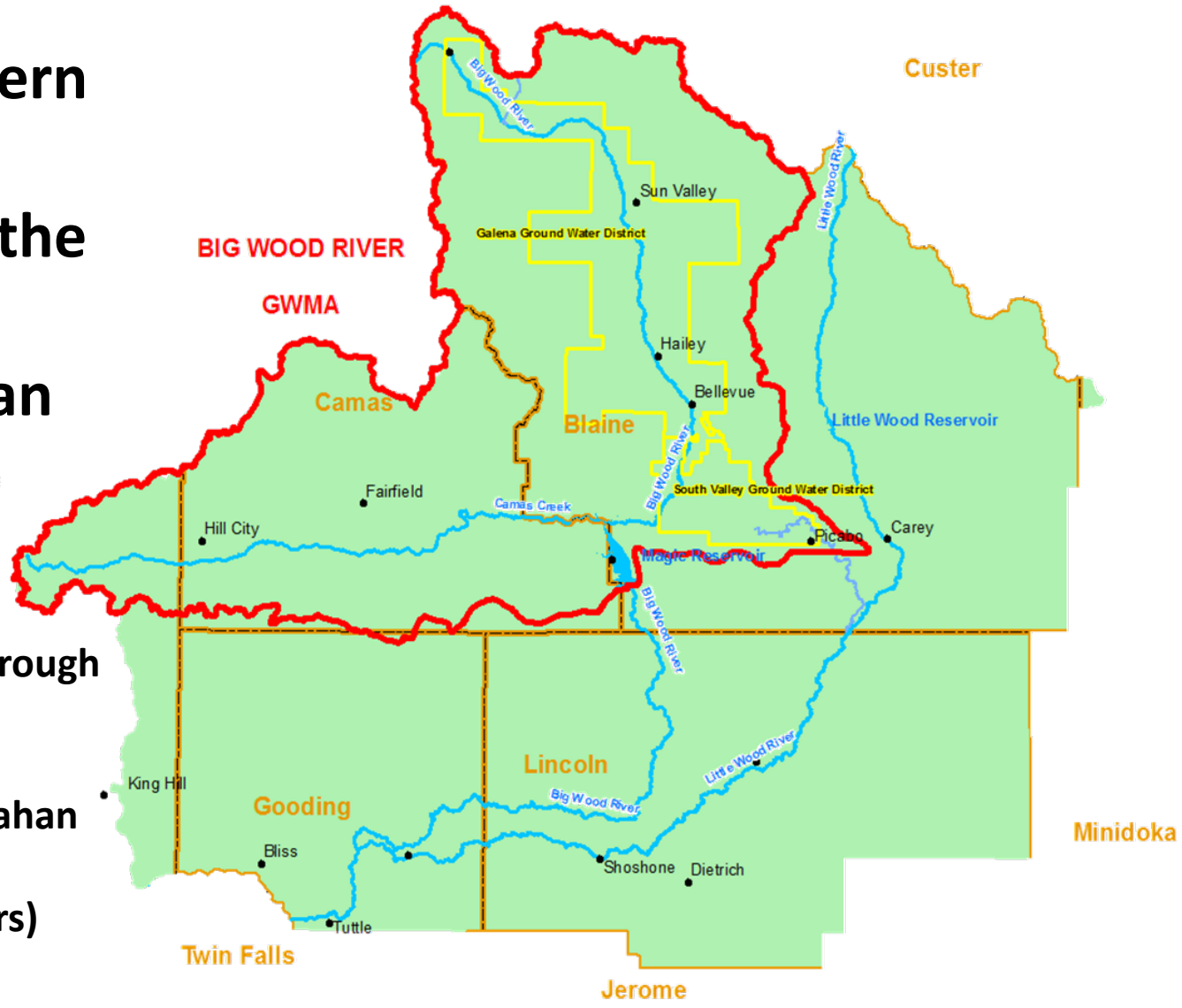
Shoshone Falls

Swan Falls Dam

IDAHO DEPARTMENT OF
WATER RESOURCES

Starting in February of 2024, Southern Region staff took on an increasing workload with the development of the Big Wood River Groundwater Management Area Management Plan

- Three + staff committed to this effort (numerous meetings, reports, etc.)
- Management Plan extended in December of 2024 through December 31, 2027.
- New Advisory Committee appointments (Judd McMahan & Mitch Fleming) in Summer of 2025. (Advisory Committee reduced from 11 members to 10 members)



Ongoing Curtailment Efforts

- In June 2024, four + Southern Region staff participated in curtailment efforts in Eastern Idaho

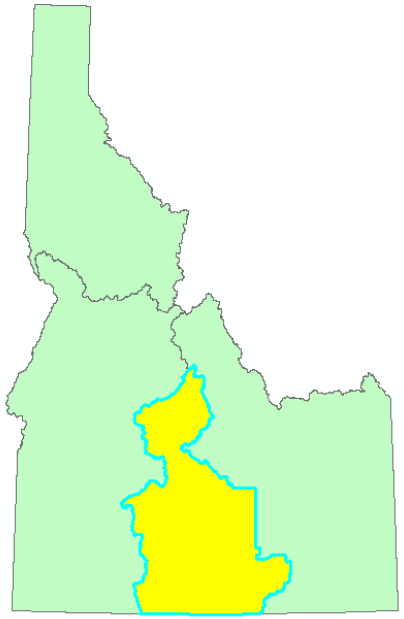
- Two + Southern Region staff typically involved in ongoing curtailment efforts

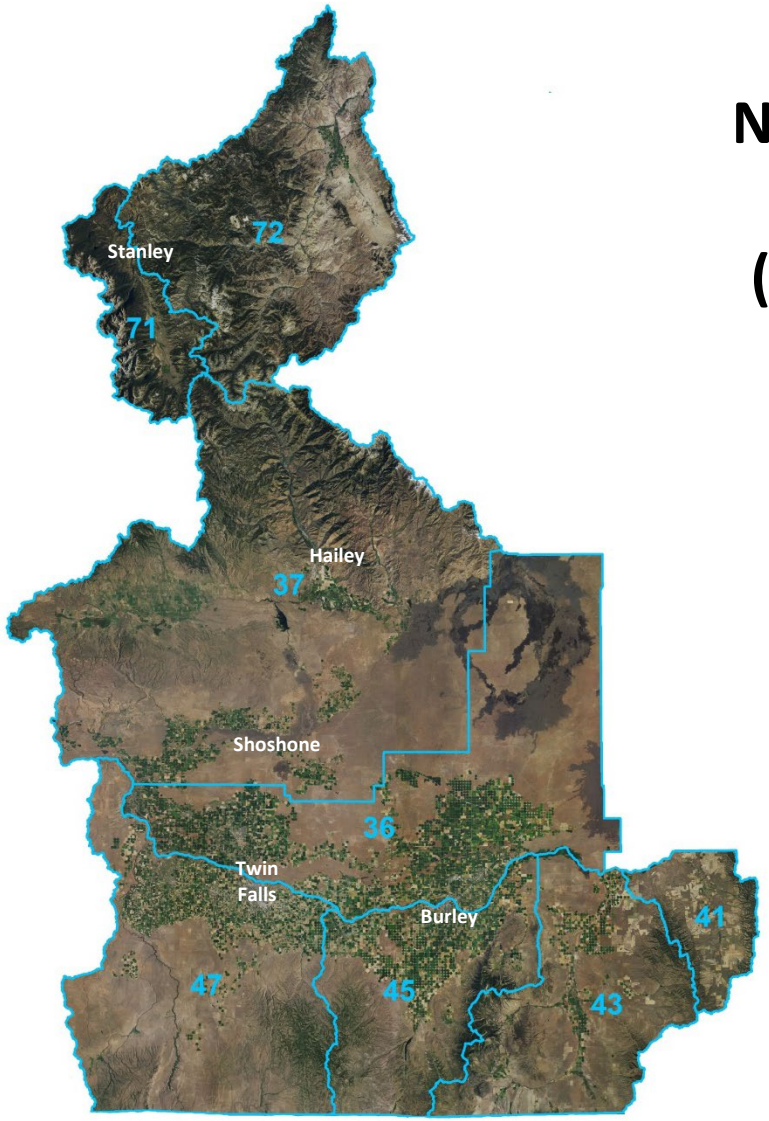
Ever Increasing Complexity of Water Right Filings

Transfer # 87575

IDAHO DEPARTMENT OF WATER RESOURCES

IDWR Southern Region



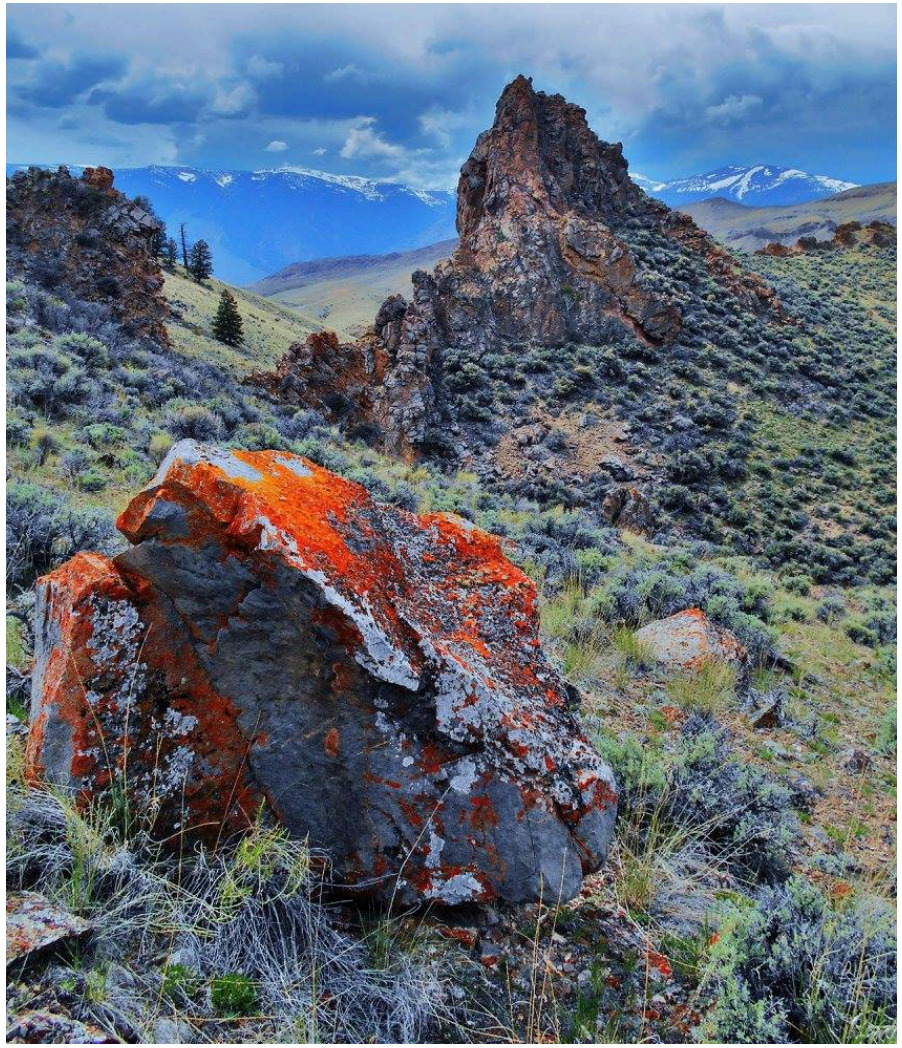


Northern portion of Region, Salmon River Drainage (Basins 71 & 72) is open to appropriation (Subject to Wild & Scenic Criteria)

Southern portion of Region is subject to Moratoriums, CGWAs, GWMAs, etc.

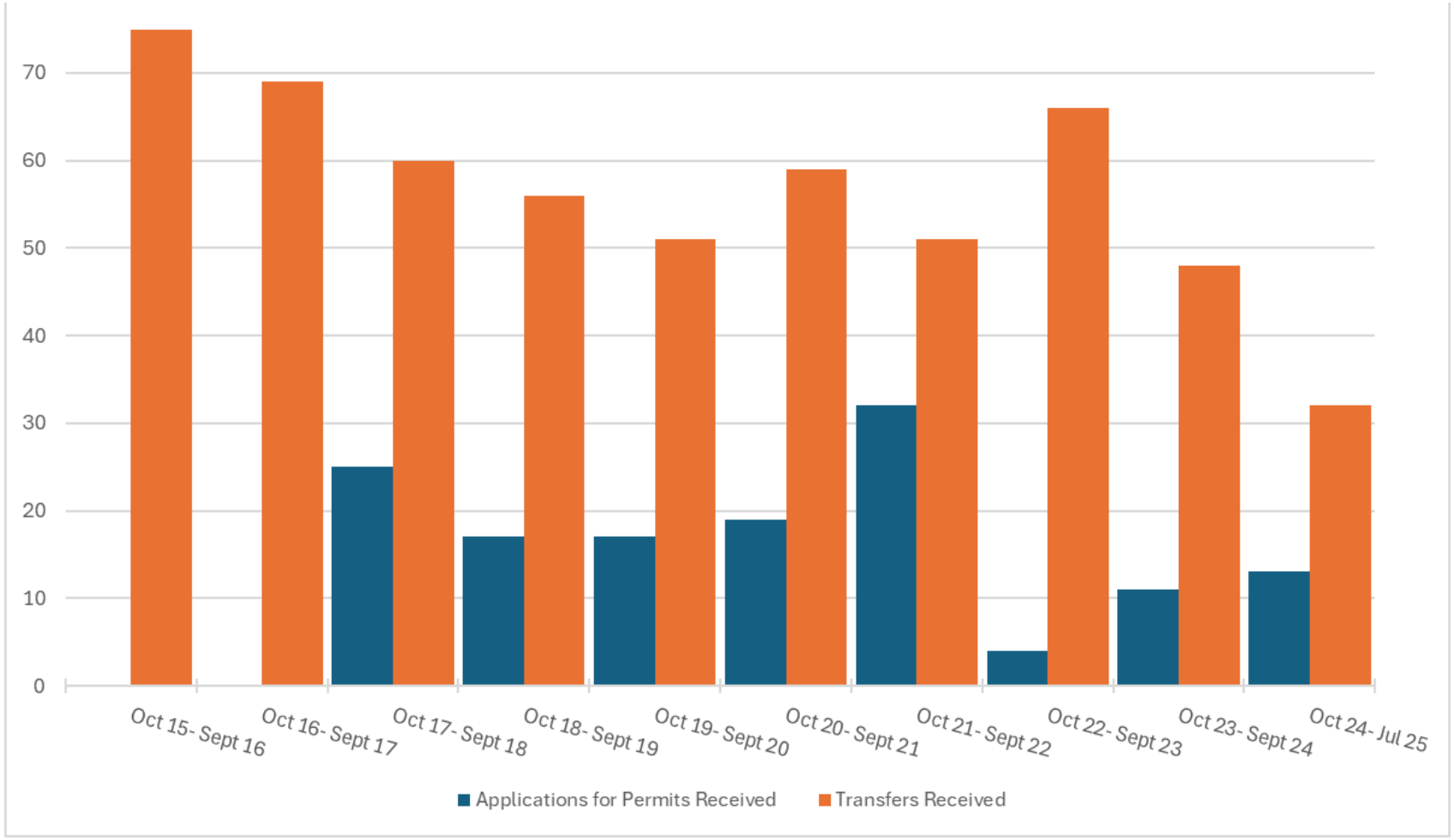
With the southern, more populated, portion of the region subjected to water development restrictions, Southern Region typically processes at least three times more water right transfer applications than new water right filings.

- **Often new water right filings are quite complex (mitigation plans, numerous complicated conditions, etc.)**



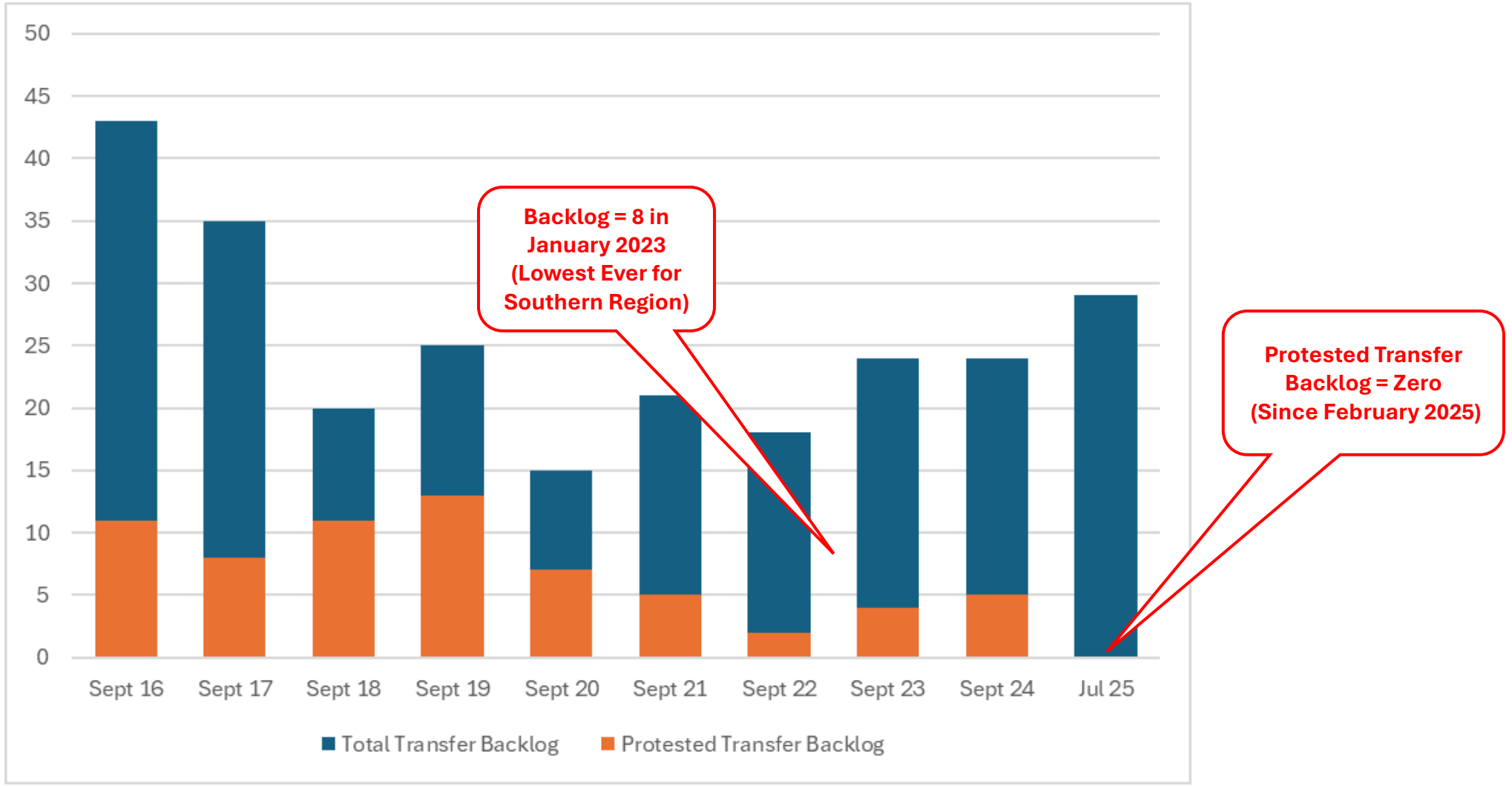
Bradshaw Gulch, Custer County

Annual Southern Region Transfer Applications Received vs. Applications for Permit Received (October – September)



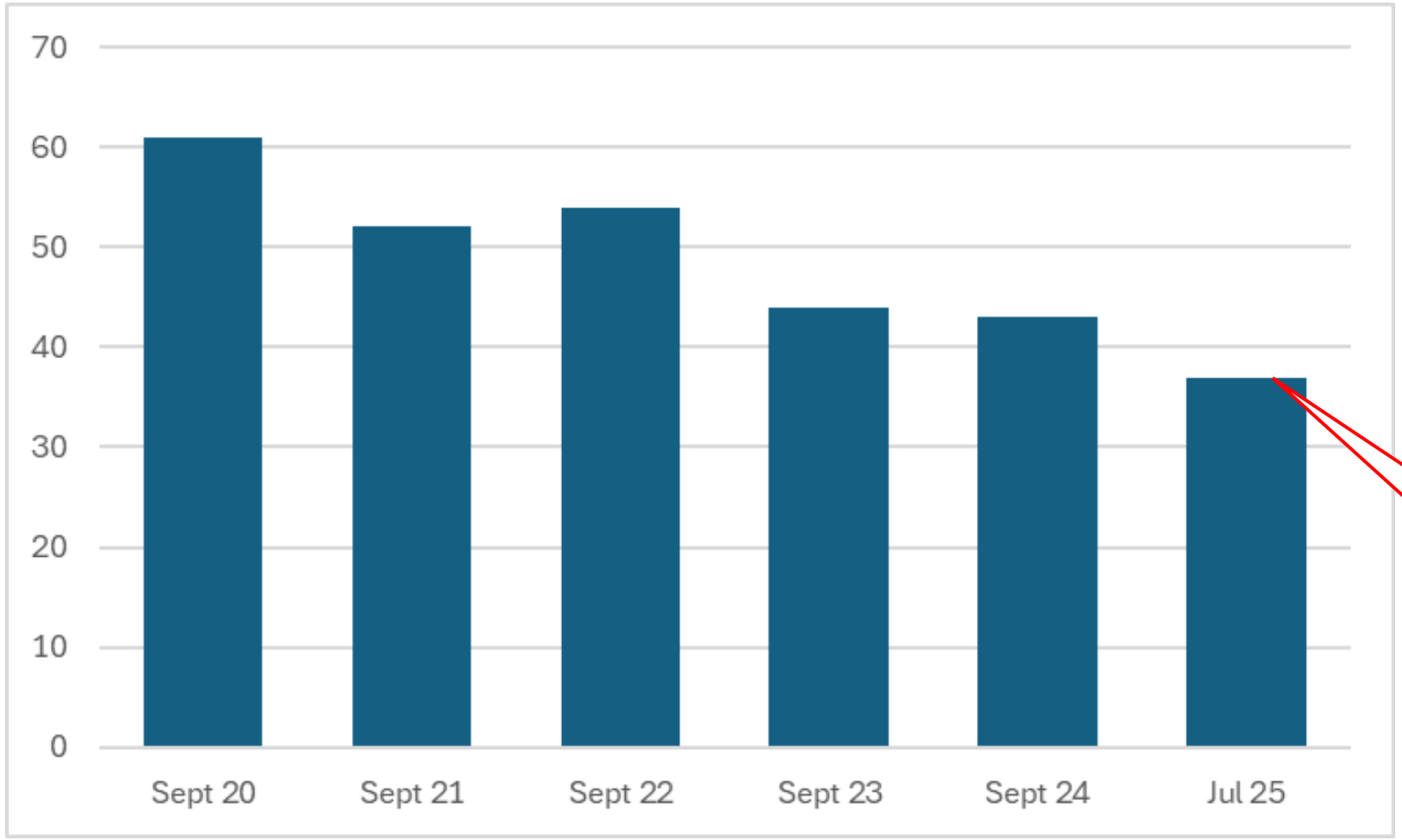
IDAHO DEPARTMENT OF WATER RESOURCES

Southern Region September Transfer Backlog 2016 - 2025



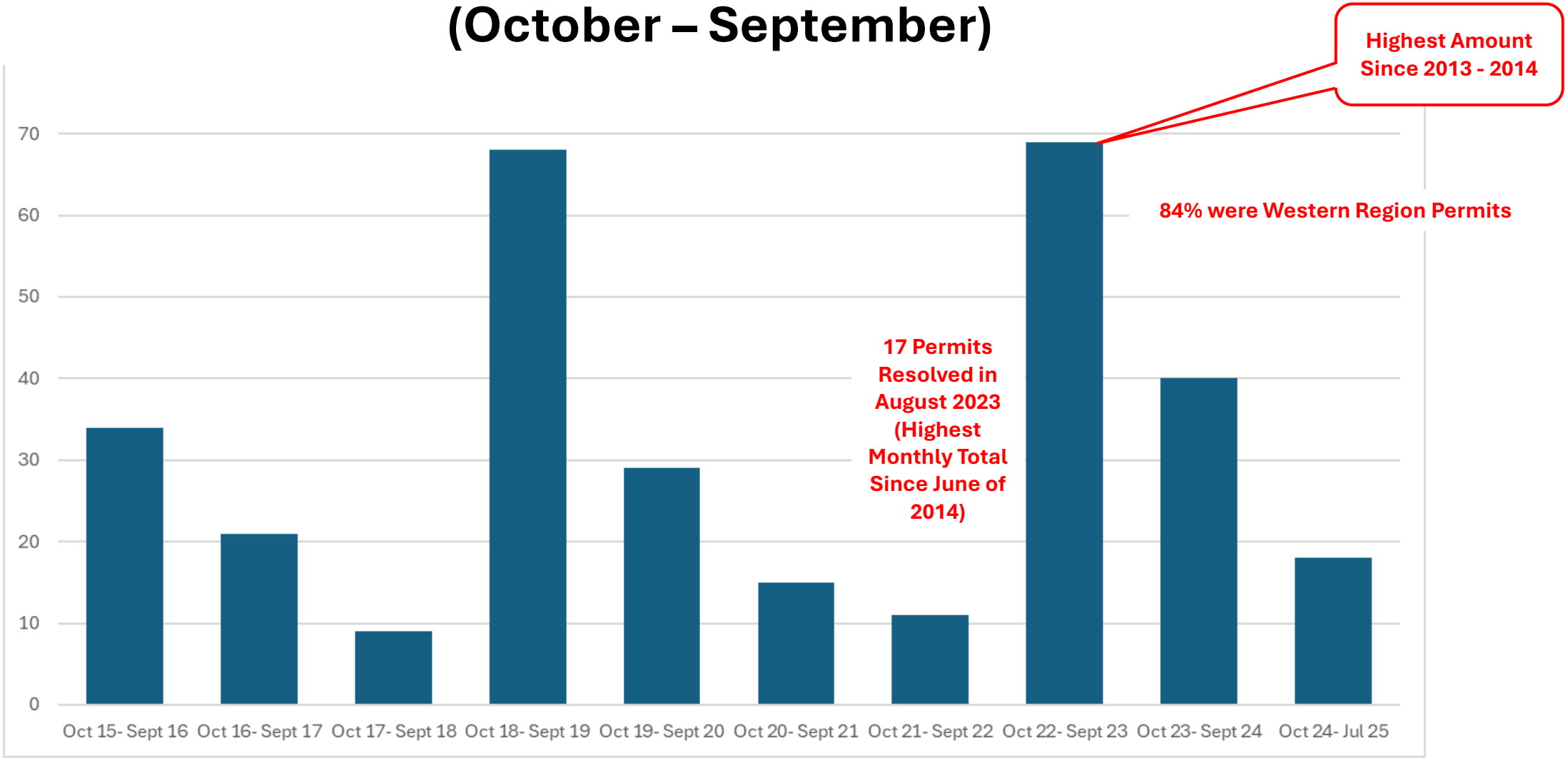
IDAHO DEPARTMENT OF WATER RESOURCES

Southern Region September Application for Permit Backlog 2020 - 2025

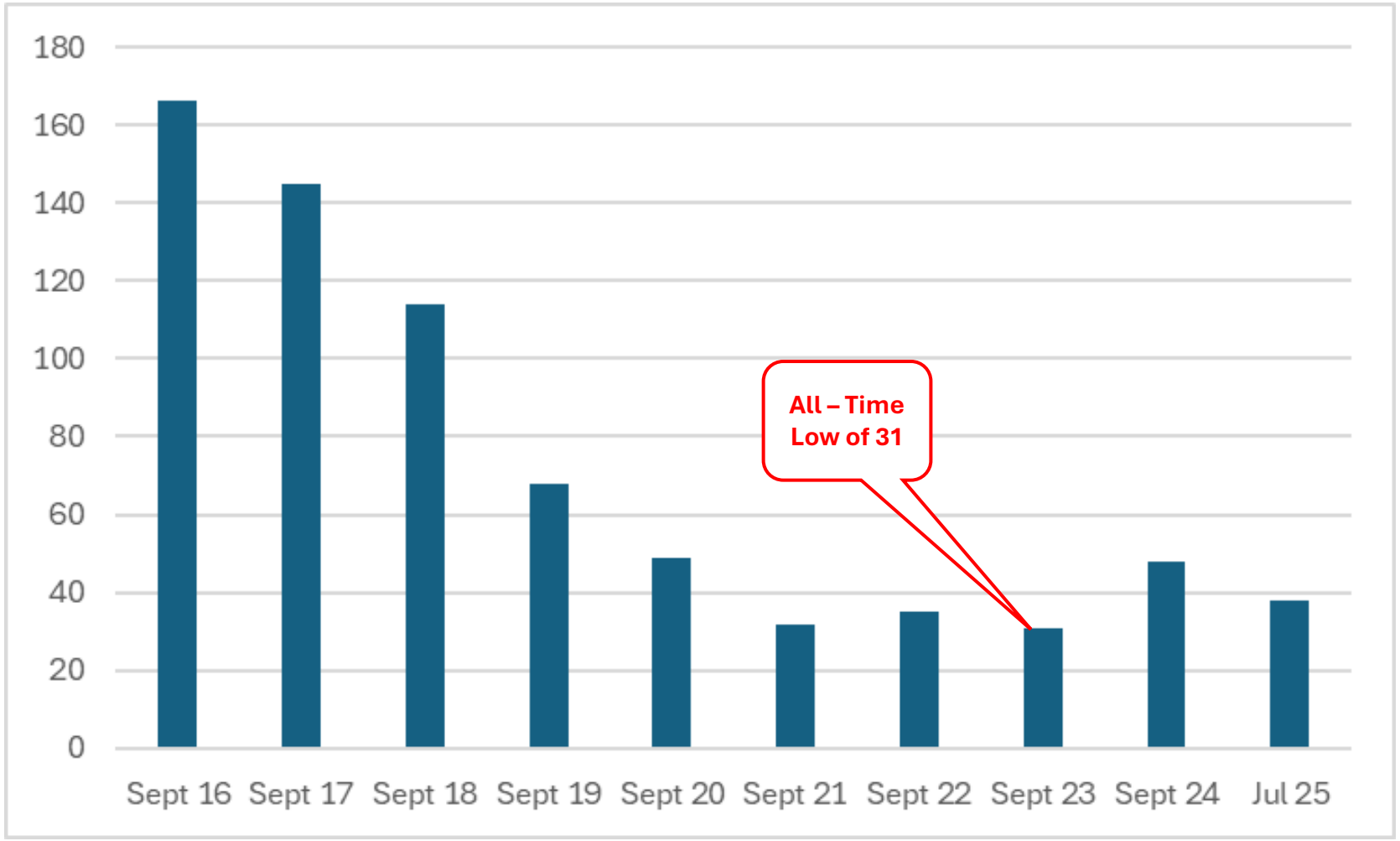


IDAHO DEPARTMENT OF WATER RESOURCES

Permits Resolved &/or Licensed by Southern Region Staff (October – September)

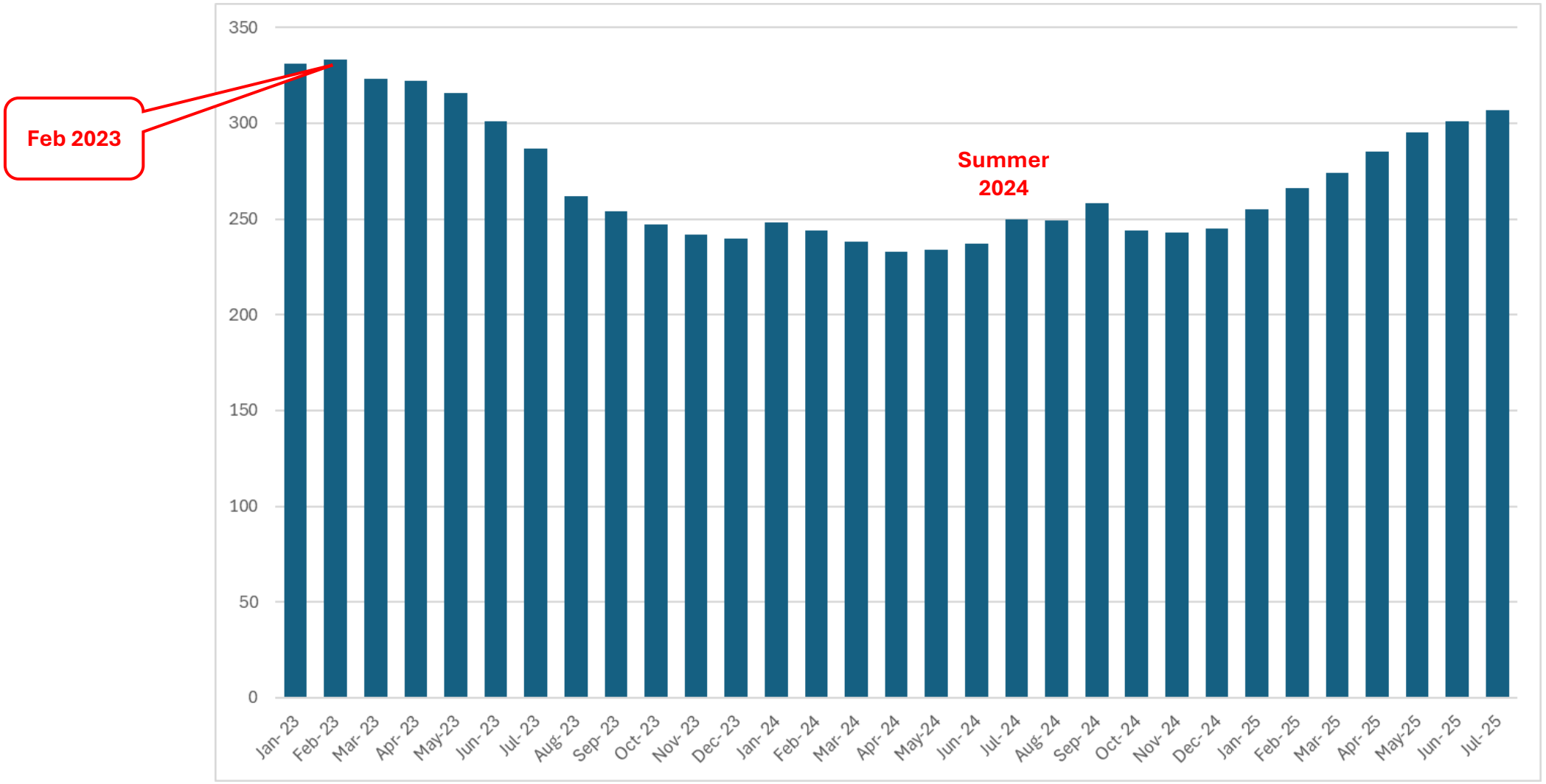


End of September Southern Region Licensing Backlog

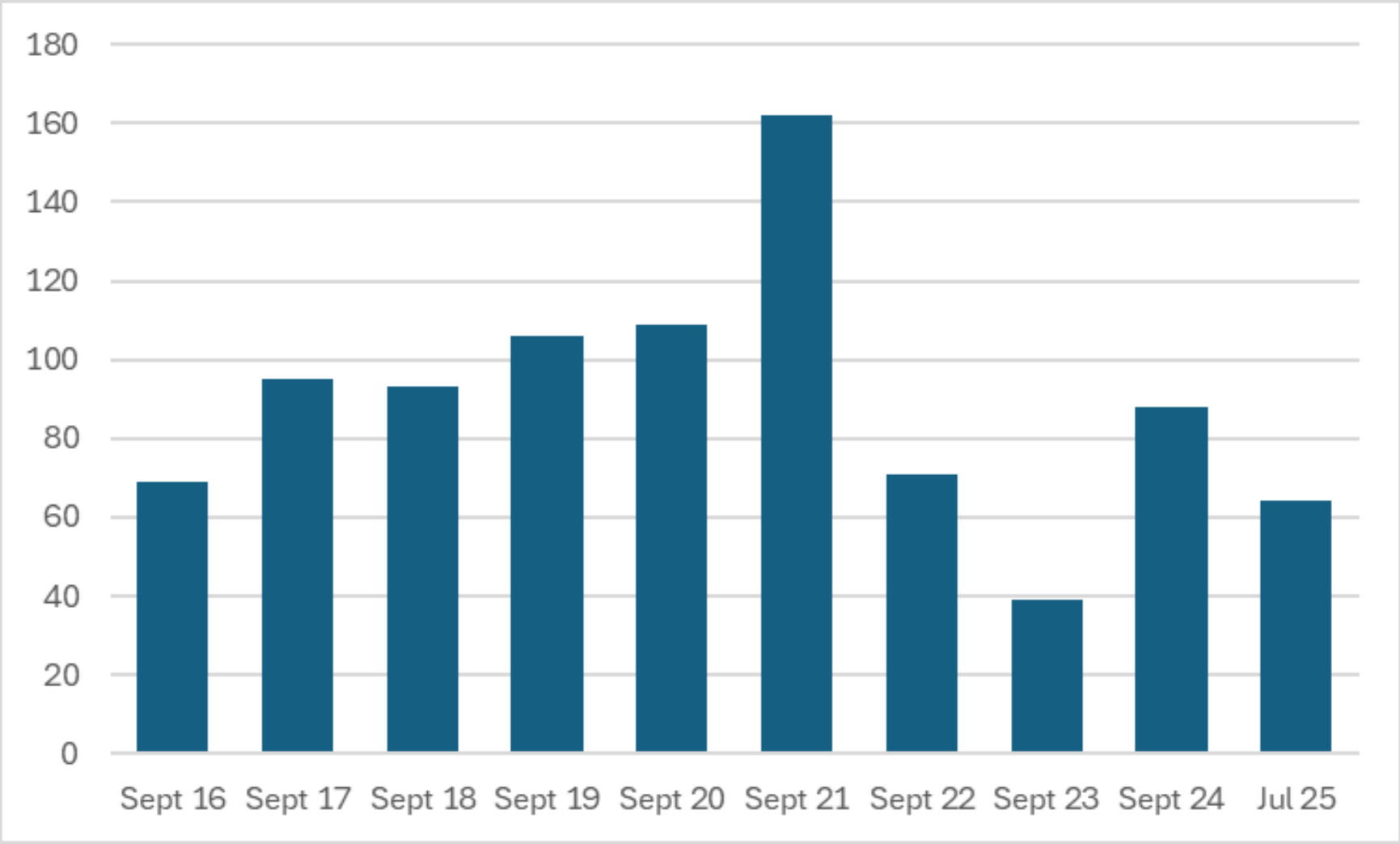


IDAHO DEPARTMENT OF WATER RESOURCES

Western Region Licensing Backlog (January 2023 – July 2025)



Southern Region September Ownership Change Backlog



Kanaka Rapids, Twin Falls County

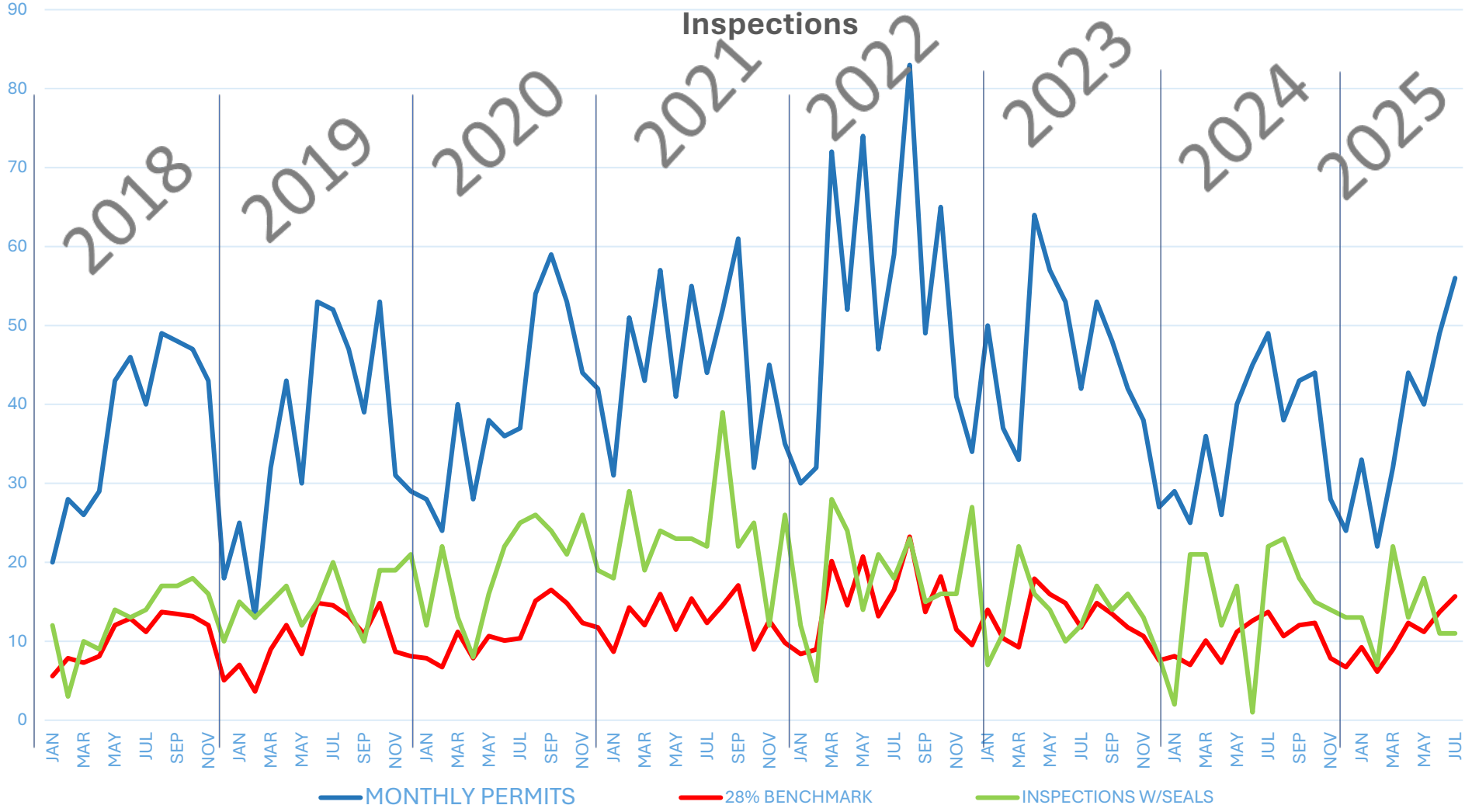
Southern Region Well Inspections

- IDWR FY25 Strategic Plan Objective of 28% of wells being inspected during construction of well (seal placement &/or other phases of construction)

Sawtooth Valley, Custer County

IDAHO DEPARTMENT OF
WATER RESOURCES

IDWR Southern Region
Well Drilling Permits Issued vs. 28% Inspection Benchmark vs. Construction Inspections



Near Oakley, Cassia County

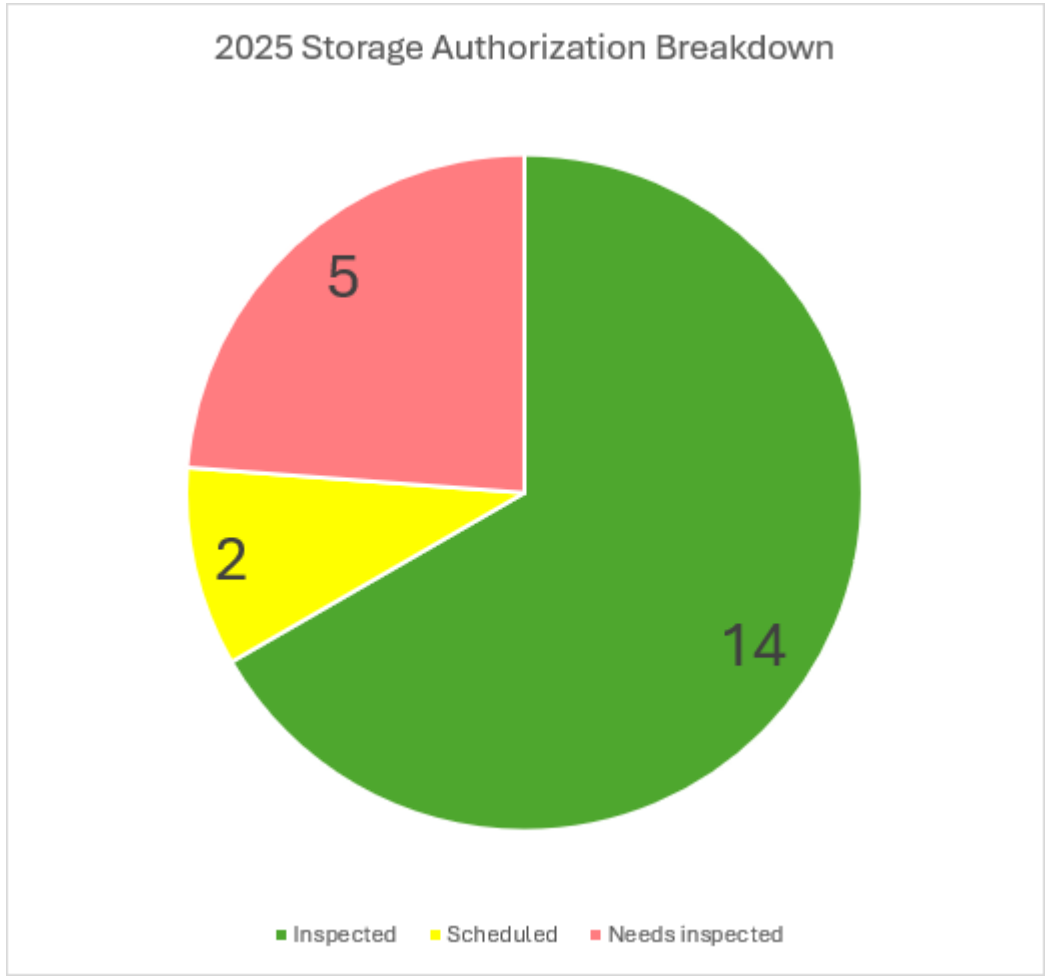
Southern Region Dam Inspections

- All dams in the region have been inspected and storage authorized through the end of 2025

Magic Dam, Blaine County

IDAHO DEPARTMENT OF WATER RESOURCES

2025 Southern Region Dam Inspections



Oakley Dam, Cassia County

Trail Creek Dam, Blaine County

IDAHO DEPARTMENT OF WATER RESOURCES

Southern Region Moving Forward

- Integration of New Southern Region Staff Members
- Continue Processing Improvements (Back Log Reduction & Efficiency Improvements)
- BWRGWMA Management Plan Support and Extension Beyond 2027
- Support of Public Demands With Increasing Population

Magic Dam Spillway, Blaine County

IDAHO DEPARTMENT OF
WATER RESOURCES

AGENDA

IDAHO WATER RESOURCE BOARD

Board Meeting No. 12-25
Friday, September 12, 2025
8:30 a.m. Mountain Time / 7:30 a.m. Pacific Time

Hilton Garden Inn
Snake River Room
1741 Harrison St. North
TWIN FALLS

Livestream available at https://www.youtube.com/@iwrb

1. Roll Call
2. Agenda & Approval of Minutes 9-25, 10-25, and 11-25 *
3. Public Comment
4. Financial Report
5. Water Management Account Spending Plan *
6. Secondary Fund Budget *
7. Amendment to Resolution 28-2025 *
8. Regional Sustainability Water Project Proposals
    a. Milner Dam Rehabilitation Project *
    b. Nampa Meridian Irrigation District—Ridenbaugh Canal Diversion Modernization Project *
9. Groundwater to Surface Water Conversion Grant Awards *
10. Upper Snake River Basin Study Proposal *
11. Marsh Center Irrigating Company Loan Request *
12. USGS Eastern Snake Plain Aquifer Water Quality Study *
13. Bear River *
14. Director's Report
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.

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098
Phone: (208) 287-4800 Fax: (208) 287-6700 Website: idwr.idaho.gov/IWRB/

IDAHO WATER RESOURCE BOARD

MINUTES
MEETING NO. 9-25

Hilton Garden Inn
South Fork River Room
700 Lindsay Blvd.
IDAHO FALLS

July 24, 2025
Work Session

Agenda Item No. 1: Roll Call

Chairman Raybould called the work session meeting to order at 8:32 AM (MT) in Idaho Falls, Idaho. The meeting was livestreamed on the Board's YouTube Channel online.

Board members present were Al Barker, Jo Ann Cole-Hansen, Marcus Gibbs (online), Patrick McMahon, Brian Olmstead, Dean Stevenson, Dale Van Stone, and Chairman Jeff Raybould.

IDWR staff members present were: Brian Patton, Wesley Hipke, Matt Anders, Cooper Fritz, and Jennifer Strange. Online were Mary Condon, Caitlyn Swanson, and Mathew Weaver.

Guests present were: Jay Barlogi, Paul Arrington, Steve Stuebner, Gail Martin, Brian Murdock, Michael Comeskey, Lyle Swank, Jason Brown, Adam Young, Alan Jackson, Brad Buttars, and John Williams. Online were: Ann Yribar, Brianna Pitcock, Chris Keith, Jonathan Jennings, and Ryan Alcorn.

Agenda Item No. 2: Shoshone Bannock Water Bank Comments

Mary Condon discussed the Shoshone Bannock Tribal Water Supply Bank rules. Written comments from Brett Bovee that addressed three sections of the rules were presented. The tribes proposed the ability to evaluate rental agreements longer than five years without specific approval from IWRB.

Gail Martin, Interim Water Resources Director for the Shoshone Bannock tribes, further discussed the requested changes to the rules. There was some discussion about long-term rentals. Chairman Raybould stated that the comments would be carefully reviewed, and that the Water Supply Bank committee should review the comments.

Agenda Item No. 3: Bear River Basin Cloud Seeding Proposal from Utah

Jonathan Jennings with the Utah Division of Water Resources provided an overview of the Bear River Basin cloud seeding proposal. He discussed the feasibility and design study by the National Center for Atmospheric Research (NCAR), which identified the Bear River Basin as a prime area for cloud seeding. The proposal included full and partial build-out options for the program.

Caitlyn Swanson discussed options for the IWRB to invest in and collaborate with Utah. There was discussion on the potential for collaboration with Idaho Power and the impact of the project on water users in both Idaho and Utah.

Agenda Item No. 4: Anderson Ranch Dam Raise Update

Ryan Alcorn from Bureau of Reclamation introduced Chris Keith. He highlighted recent staff losses and their impact on the project schedule. He discussed the status of the project. Mr. Alcorn mentioned the team was working to coordinate efforts and ensure compliance with environmental regulations. Ms. Cole-Hansen asked if an updated cost estimate would be available later in the year as the 100% rim design and 90% dam design milestones are reached.

Agenda Item No. 5: Twin Falls Canal Company—Operational Efficiency Project Proposal

Jay Barlogi with the Twin Falls Canal Company presented a project related to canal lining. He highlighted the benefits of the project, including reduced water loss and improved water management. Mr. Stevenson asked about the estimated water loss for the canal. Five to 25 CFS was estimated.

Agenda Item No. 6: Ririe Rule Curve Study Update

Lyle Swank provided an update on the Ririe Reservoir project. Challenges due to turnover among project managers, gate operation needs, and project phases were discussed.

Agenda Item No. 7: ESPA Recharge Infrastructure Update

Matt Anders provided an update on the ESPA recharge program, including the number of projects approved and the total investment. He discussed current and new projects. He emphasized the challenges of balancing recharge efforts and pumping limits.

Agenda Item No. 8: Bingham Ground Water District Update

Alan Jackson, with Bingham Ground Water District, highlighted the implementation of the 2024 Mitigation Plan, including pumping limits and wet water mitigation obligations. The impact of groundwater pumping on water levels and the need for real-time monitoring was discussed. He emphasized the development of new recharge sites and the importance of telemetry for water management.

Agenda Item No. 9: Bonneville-Jefferson Ground Water District Field Trip Presentation

Brad Buttars, with Bonneville-Jefferson Ground Water District, emphasized the importance of proper mitigation and recharge to stabilize the aquifer and improve reach gains. He mentioned the efforts of the ground water district related to recharge wells. He outlined the field trip agenda.

Agenda Item No. 10: Non-Action Items for Discussion

There were no other items for discussion.

Agenda Item No. 11: Adjourn

Mr. Stevenson moved to adjourn. Mr. McMahon seconded. Voice vote. All in favor. The motion carried. The meeting adjourned at 12:05 PM.

The board broke for lunch at noon. Then the group departed for a field trip to select sites within the Bonneville-Jefferson Ground Water District.

July 25, 2025
Board Meeting No. 9-25

At 8:34 AM (MT) Chairman Raybould called the meeting to order in Idaho Falls, Idaho. The meeting was livestreamed on the Board's YouTube Channel.

Agenda Item No. 1: Roll Call

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

Staff Members Present

Brian Patton	Wesley Hipke	Neeley Miller
Jennifer Strange	Matt Anders	

Staff Members Present Online	Justin Ferguson	Neal Farmer
Cynthia Bridge Clark	Caitlyn Swansons	Mathew Weaver

Guests Present

Mayor Rebecca Casper	Jay Barlogi	Jeff Bowman
January Bowman	Robert Annalora	Wyatt Annalora
Joseph Jeffs	John Williams	Brad Buttars
Michael Comeskey	Jody Fischer	Darin Langerud
Kala Golden	Brian Murdock	Bob Turner
Payton Hampton	Darrel Ker	Jake Burtenshaw

Guests Online	Ann Yribar	Gary Haderlie
Ryan Gailey		

Agenda Item No. 2: Agenda and Approval of Minutes 7-25 and 8-25

The agenda and minutes for meetings 7-25 and 8-25 were available for approval. Mr. Barker moved to amend the order of the agenda by moving agenda item 8, Surface Water Operational Efficiencies Program Awards, to happen before agenda item 3, Public Comment. Mr. Van Stone seconded. Voice vote. All in favor. The motion carried.

Mr. Stevenson moved to accept the minutes for meetings 7-25 and 8-25. Mr. Barker seconded. Voice vote. All in favor. The motion carried.

Agenda Item No. 8: Surface Water Operational Efficiencies Program Awards

Justin Ferguson provided an overview of the program, highlighting the discretionary funding limit and application requirements.

Agenda Item No. 8a: Surface Water Operational Efficiencies Program Awards: American Falls Reservoir District #2

Neal Farmer presented the American Falls Reservoir District 2 funding request to support a canal operational efficiency study, with the goal of identifying water conservation and system efficiency improvements. He walked through a draft resolution that would approve up to $991,600 that had been recommended at a recent Joint Aquifer Stabilization and Finance Committee meeting. He mentioned a typo on line 25.

Mr. Mc Mahon moved to adopt the resolution with the edit. Mr. Olmstead 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.

Agenda Item No. 8b: Surface Water Operational Efficiencies Program Awards: Twin Falls Canal Company

Justin Ferguson highlighted the Twin Falls Canal Company request for funding up to $26,340,915 in annual installments as listed by the draft resolution.

Mr. Stevenson moved to adopt the resolution. Mr. McMahon 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.

Agenda Item No. 3: Public Comment

Jeff Bowman of Pocatello made comments requesting a review of the South Fork River Basin Plan to allow for more dredge mining. Brian Patton recommended that the Planning Committee should look at the issue.

John Williams provided updates on Bonneville Power Administration.

Jody Fischer, VP of Flight Operations for Weather Modification International (WMI), discussed safety and effectiveness of cloud seeding operations.

Darin Langerud, Director of Meteorology at WMI, addressed federal legislation threatening the weather modification industry and the importance of transparency.

Kala Golden, with WMI, emphasized the need for proven technology in operational cloud seeding projects.

Brian Murdock advocated for the Progressive Canal recharge projects.

Darrel Ker from Enterprize Canal defended that entity's commitment to environmental stewardship and transparency related to recharge.

Jake Burtenshaw shared his thoughts on flood irrigation, recharge, and a proposed project on the Harrison Canal that had been tabled in an earlier meeting.

Mayor Rebecca Casper welcomed the board to the City of Idaho Falls and shared thoughts on how the board has changed over the years. She discussed measures the city has taken to conserve and manage water and shared challenges ahead.

Agenda Item No. 4: Financial Report

Neeley Miller provided the Board's financial report. The accounts as of May 31, 2025, were: Secondary Aquifer Fund: cash balance $39,739,492, committed $30,349,539, and uncommitted balance $9,389,952; Revolving Development Account: cash balance $37,787,374, committed balance $26,587,983, loan principal outstanding $20,676,895, and uncommitted balance $11,199,391; and Water Management Account: cash balance $319,384,307, total committed funds $303,008,469, and uncommitted funds $16,375,838.

ARPA appropriations: received per HB 769 is $100,000,000; received per SB 1181 is $24,497,544; received per SB1411 (2024) $75,502,456; total received: $200,00,000. Total obligated $250,000,000; expended $127,143,120; remaining committed balance $132,633,967.

Cynthia Bridge Clark reviewed the board's allocation of funds in the Water Management Account and the new $30 million appropriation. The board discussed the need for tracking and managing funding allocation for the ESPA Sustainability Projects and other initiatives.

Agenda Item No. 5: Bear River Basin Cloud Seeding Proposal from Utah

Caitlyn Swanson presented the Bear River Basin cloud seeding pilot project proposal from Utah. Staff recommended option two, which would incorporate all components of option one except new ground-based generators.

Mr. Gibbs moved to adopt the resolution to fund option 2 up to $950,000. Mr. McMahon 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.

Agenda Item No. 6a: ESPA Recharge Program: Conveyance Fees / Structure

Matt Anders discussed the history of conveyance fees and the need for updates. Recommendations from the Joint Aquifer Stabilization and Finance committee included a flat conveyance fee of $7.50 per acre foot, contracts up to 5 year terms, and an annual limit for conveyance fees.

Ms. Cole-Hansen moved to adopt the resolution. 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.

Agenda Item No. 6b: ESPA Recharge Program: Projects

Matt Anders stated that the Aquifer Stabilization committee recommended two of five projects for funding consideration. He shared a comparative summary chart of the projects.

Mr. Barker moved to adopt the resolution to fund the Aberdeen Springfield Canal Company recharge well project in an amount up to $535,000. Mr. McMahon 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.

Mr. Olmstead moved to adopt the resolution to fund the Burgess Canal Company's recharge complex project in an amount up to $2,250,000. Mr. Stevenson 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.

Agenda Item No. 7: Flood Management Grant Awards

Neeley Miller presented the Flood Management Grant awards. Eight applications have been evaluated and the Finance committee recommended them to the full board.

Mr. Barker moved to adopt the resolution to award flood management grants as listed in the attachment in the amount of $460,646. 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.

Agenda Item No. 9: Regional Manager's Report

James Cefalo provided a brief overview of the Eastern Region's activities. He provided a presentation on IDWR contested cases. He explained the different types of contested cases, the process for filing protests, and the Rules of Procedure for contested cases, including the informal and formal settlement conferences. He provided an update on the current case load in eastern Idaho.

Agenda Item No. 10: Director's Report

Director Weaver provided an update on the current delivery call and curtailment efforts on the ESPA. He emphasized the department's focus on water administration and enforcement. He shared the status of the UIC Program and recharge well permitting. He announced a four-month strategic plan effort to evaluate the merger of Idaho Department of Water Resources and the Idaho Soil and Water Conservation Commission. Board members were invited to participate in the strategic planning efforts, including in-person interviews, responding to surveys, and participating in the one-day workshop.

Agenda Item No. 11: Non-Action Items for Discussion

There were no other items for discussion.

Agenda Item No. 12: Next Meeting and Adjourn

Mr. Patton stated the next regular meetings would be September 11-12, 2025, in Twin Falls. Mr. Van Stone moved to adjourn. Mr. Stevenson seconded. Voice vote. All ayes. Motion carried. Meeting adjourned at 11:20 AM (MT).

Respectfully submitted this 12th day of September 2025.

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Dean Stevenson, *Secretary*

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Jennifer Strange, *Administrative Assistant II*

IDAHO WATER RESOURCE BOARD

MINUTES
MEETING NO. 10-25

Water Center
Conference Room 648A
322 E. Front Street
BOISE

July 26, 2025
Special Emergency Board Meeting No. 10-25

At 3:00 PM (MT) Chairman Raybould called the meeting to order in Boise, Idaho and on Zoom. The meeting was livestreamed on the Board's YouTube Channel after the executive session.

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, online

Staff Members Present
Brian Patton Meghan Carter

Staff Members Present Online Cynthia Bridge Clark Mike Morrison
Jennifer Strange

Guests Present Online
Tom Banducci

Agenda Item No. 2: Priest Lake Dam Project

Meghan Carter noted this the special emergency board meeting was needed. Mr. Tom Banducci, special counsel for the board, recommended that part of the settlement involved confidentiality.

Mr. Barker moved to amend the agenda to add an executive session. Mr. Gibbs seconded. Voice vote. All in favor. The motion carried.

At 3:02 PM, 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. Gibbs 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.

Meghan Carter and Tom Banducci spoke on Priest Lake litigation.

Mr. Stevenson moved to resolve out of executive session at 3:25 PM. Ms. Cole-Hansen 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.

Upon adjournment of the executive session, the board addressed the Priest Lake Dam Project topic. Mr. Barker explained that there was a proposed confidential settlement offer in the litigation between the Idaho Water Resource Board and Strider Construction that board counsel received earlier in the day. The other party wanted an immediate answer, and that was the reason for the special emergency meeting.

Based upon advice of counsel and review of the status of the litigation, which was set to go to trial on August 5, 2025, Mr. Barker made a motion that the IWRB accept the confidential settlement offer from Strider and authorize counsel to execute the necessary settlement documents, releases, and stipulations for dismissal. Ms. Cole-Hansen 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.

Agenda Item No. 5: Non-Action Items for Discussion

There were no other items for discussion.

Agenda Item No. 6: Adjourn

Mr. Stevenson moved to adjourn. Mr. McMahon seconded. Voice vote. All ayes. Motion carried. Meeting adjourned at 3:29 PM (MT).

Respectfully submitted this 12th day of September 2025.

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Dean Stevenson, *Secretary*

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Jennifer Strange, *Administrative Assistant II*

IDAHO WATER RESOURCE BOARD

MINUTES
MEETING NO. 11-25

Water Center
Conference Rooms 602 C & D
322 E. Front Street
BOISE

August 25, 2025
Special Board Meeting No. 11-25

At 4:00 PM (MT) Chairman Raybould called the meeting to order in Boise, Idaho and on Zoom. The meeting was livestreamed on the Board's YouTube Channel.

Agenda Item No. 1: Roll Call

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

Staff Members Present

Brian Patton	Cynthia Bridge Clark	Jennifer Strange
Katie Gibble	Erik Boe	Aaron Golart

Staff Members Present Online Mary Condon

Guests Present Online
Gail Martin

Agenda Item No. 2: Shoshone Bannock Tribal Water Supply Bank Rules (IDAPA 37.02.04)

Erik Boe provided an update on the rulemaking efforts for the current year. He outlined key dates for the proposed rule publication process, including the submittal deadline and comment deadlines.

He summarized the highlights of the Shoshone Bannock Tribal Water Supply Bank Rules that had been presented to the Water Supply Bank Committee on August 18, 2025.

Agenda Item No. 3: Stream Channel Alteration Rules (IDAPA 37.03.07)

Erik Boe discussed the Stream Channel Alteration Rules alterations. He mentioned word count reduction of the rules to a 30% reduction. Mr. Olmstead asked about the next steps. Mr. Boe explained the process, including the 21-day comment period and the possibility of modifying the rule based on comments. Mr. Barker asked about the definition of "mean high water mark" in the Stream Channel Alteration Rules. Aaron Golart explained that the term was duplicative with statute and refers to the average runoff year.

Mr. Gibbs moved to adopt the resolution to publish two IDAPA 37 chapters as proposed rules in the October 1, 2025, Idaho Administrative Bulletin Vol. 25-10. Mr. Van Stone seconded. Voice vote. All in favor. The motion carried.

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

There were no other items for discussion.

Agenda Item No. 5: Adjourn

Mr. Van Stone moved to adjourn. Mr. Olmstead seconded. Voice vote. All ayes. Motion carried. Meeting adjourned at 4:19 PM (MT).

Respectfully submitted this 12th day of September 2025.

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Dean Stevenson, *Secretary*

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Jennifer Strange, *Administrative Assistant II*

Memorandum

To: Idaho Water Resource Board

From: Neeley Miller, Planning & Projects Bureau

Date: September 5, 2025

Re: Financial Status Report

As of June 30, 2025 the IWRB's available and committed balances are as follows:

Secondary Aquifer Planning, Management & Implementation Fund:

Cash Balance	$38,775,764
Committed	$29,249,559
Uncommitted Balance	$9,526,204

Revolving Development Account:

Cash Balance	$37,669,386
Committed Balance	$26,341,564
Loan principal outstanding	$21,049,378
Uncommitted Balance	$11,327,822

Water Management Account

Cash Balance	$318,581,663
Total Committed Funds	$302,101,113
Uncommitted Funds	$16,480,550

ARPA

Appropriations	
Received per HB 769 (2022)	$100,000,000
Received per SB 1181 (2023)	$24,497,544
Received per SB 1411 (2024)	$75,502,456
Received per HB 248 (2025)	$50,000,000
Total Received to date	$250,000,000
Total Obligated	$250,000,000
Expended	$128,455,484
Remaining Committed Balance	$131,321,602

- IWRB funding actions that occurred during July and August include the following:
    - Water Management Account
        - AFRD2 improvements to surface water operations: $991,600
            - Resolution #27-2025
        - TFCC improvement to surface water operations: 26,340,915
            - Resolution #28-2025
        - Hilton Recharge Well Project: $535,000
            - Resolution #31-2025
        - Burgess Canal Recharge Complex Project: $2,250,000
            - Resolution #32-2025
        - Flood Management Grant Awards: $460,646
            - Resolution #33-2025
    - Secondary Aquifer Fund
        - Bear River Cloud Seeding Pilot Project authorization of funds budgeted in FY 2026 for cloud seeding operations and maintenance for a new basin: $950,000

Idaho Water Resource Board
Sources and Applications of Funds
as of June 30, 2025
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		5,771,738.19
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		(8,526,239.28)
Balance of HB291, Sec 2; SB1389, Sec 5; HB270, Sec 3; Other Contributions		**5,784,153.17**

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)**	**(669,056.69)**	**0.00**

State Recharge & Aquifer Stabilization (SRAS) Sub-Account

Legislative Appropriation (HB547) State Recharge & Aquifer Stabilization		54,999,968.00
Recharge Payments - City of Pocatello		91,364.00
Carryforward from Recharge Infrastructure Projects Sub-Account		2,151,238.59
SRAS Operations - 29822	(853,819.07)	
SRAS Recharge Conveyance - 29823	(20,828,538.15)	
SRAS Studies - 29824	(1,005,304.65)	
SRAS Projects - 29825	(11,586,593.18)	
SRAS Monitoring - 29826	(2,851,866.65)	
SRAS Hydrology Monitoring - 29827	(1,660,870.74)	
SRAS Grants - 29828	0.00	
Total Expenditures for HB547 - SRAS		**(38,786,992.44)**
Balance for State Recharge & Aquifer Stabilization Sub-Account		**18,455,578.15**

Committed Funds	**Committed**	**Expended**	**Uncommitted**	**Balance**
HB547				
SRAS Operations - 29822	1,648,880.00	(853,819.07)	(625,439.35)	169,621.58
SRAS Recharge Conveyance - 29823	31,250,000.00	(20,828,538.15)	(816,351.70)	9,605,110.15
SRAS Studies - 29824	8,423,568.00	(1,005,304.65)	(4,630,809.87)	2,787,453.48
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	(2,851,866.65)	(777,571.43)	665,061.92
SRAS Hydrology Monitoring - 29827	2,475,000.00	(1,660,870.74)	(260,990.17)	553,139.09
SRAS Grants - 29828	0.00	0.00	0.00	0.00
Total HB547 Commitments	**86,409,906.50**	**(38,786,992.44)**	**(33,049,628.88)**	**14,573,285.18**

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
Water District Repayment for Cloudseeding		432,978.00
Carryforward from North Idaho Studies Sub-Account		109,351.82
WS Administration - 29840	(1,750,512.18)	

WS Operations - 29842	0.00	
WS Recharge Conveyance - 29843	0.00	
WS Studies - 29844	(7,238,436.53)	
WS Projects - 29845	(2,190,805.59)	
WS Monitoring - 29846	0.00	
WS Hydrology Monitoring - 29847	(3,671,643.03)	
WS Hydrology Modeling - 29848	(2,674,142.67)	
WS Grants - 29849	(119,196.03)	
WS Programs - 29850	(109,583.72)	
WS Clouds - 29860	(16,001,977.86)	
Total Expenditures for Water Sustainability		**(33,756,297.61)**
Balance for Water Sustainability (WS) Sub-Account		**14,536,032.21**

Committed Funds	**Committed**	**Expended**	**Uncommitted**	**Balance**
SB1190 & SB1402				
WS Admin & Operations - 29840 & 29842	2,041,500.00	(1,750,512.18)	(70,976.70)	220,011.12
WS Recharge Conveyance - 29843	0.00	0.00	0.00	0.00
WS Studies - 29844	9,834,403.00	(7,238,436.53)	(1,021,827.63)	1,574,138.84
WS Projects - 29845	5,024,659.00	(2,190,805.59)	(1,838,652.31)	995,201.10
WS Monitoring - 29846	0.00	0.00	0.00	0.00
WS Hydrology Monitoring - 29847	5,003,352.82	(3,671,643.03)	(972,832.50)	358,877.29
WS Hydrology Modeling - 29848	3,070,000.00	(2,674,142.67)	0.00	395,857.33
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	(16,001,977.86)	(1,684,400.00)	11,041,772.14
Balance for SB1190 & SB1402	**54,502,064.82**	**(33,756,297.61)**	**(6,069,493.11)**	**14,676,274.10**

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)		832,000.00
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)	(832,000.00)	
Balance of DOE SEP Grants Sub-Account		**0.00**

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	(832,000.00)	0.00	0.00
Balance of DOE Funds Awarded	**3,151,000.00**	**(3,151,000.00)**	**0.00**	**0.00**

Secondary Aquifer Planning, Management, and Implementation Committed Funds	**29,249,559.28**	
Secondary Aquifer Planning, Management, and Implementation Available Funds		**9,526,204.25**

IDAHO WATER RESOURCE BOARD
Sources and Applications of Funds
as of June 30, 2025
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		$15,228,005.76	
Interest Earned State Treasury (Transferred)		$4,314,614.52	
Water Supply Bank Receipts		$11,964,303.39	
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		$15,657.59	
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			**37,669,617.59**
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)		($32,279.54)	
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		($21,049,377.91)	
TOTAL EXPENDITURES			**($25,077,172.41)**
CASH BALANCE OF MISCELLANEOUS PROJECTS			**$12,592,445.18**

Ririe Reservoir Flood Control			
Transfer to Ririe Reservoir Flood Control (SB1190, Sec 7)	$4,203,829.73		
Rule Curve Modification Expenditures (Mitigation Inc CON01561)	($1,300,350.14)		
Cash Balance Ririe Reservoir Flood Control Project		**$2,903,479.59**	
Committed Funds			
Mitigation Inc (CON01561)	$343,894.71		
TOTAL COMMITTED FUNDS	$343,894.71		
Uncommitted Rire Reservoir Flood Control		**$2,559,584.88**	
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	$270,557.70	
Total Priest Lake Water Management Project Revenue		**$1,501,002.70**
Contract Expenditures - Mott MacDonald (CON01426)	($638,162.35)	
Dam Operator Contracts	($65,324.40)	
Misc Expenditures	($40,764.58)	
Total Priest Lake Water Management Project Expenditures		**($744,251.33)**
Cash Balance Priest Lake Water Management Project		**$756,751.37**
Commited 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	$141,997.88	
Mott MacDonald Contract (CON01426)	$0.00	
TOTAL COMMITTED FUNDS	$141,997.88	
Uncommitted Priest Lake Water Management Project Balance		**$614,753.49**
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)	($1,772,233.30)	
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	($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		**($5,104,749.79)**
Cash Balance Priest Lake Construction Project		**($104,749.79)**
Commited Funds		
Mott MacDonald Contract (CON01484)	$36,214.94	
Strider Construction - Outlet Dam (CON01480)	$0.00	
Strider Construction - Thorofare (CON01481)	$0.00	
Construction Contingency (Kirton McConkie - CON01615)	$0.00	
TOTAL COMMITTED FUNDS	$36,214.94	
Uncommitted Priest Lake Construction Project Balance		**($140,964.73)**
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	($167,209.88)	
Payment for Ongoing Bell Rapids Finance Costs (trustee fees, water bank, etc.)	($6,740.10)	
Total Bell Rapids Water Rights Sub-Account Expenditures		**($51,405,825.45)**
Cash Balance Bell Rapids Water Rights Sub-Account		**$478,739.60**
Commited Funds		

Ongoing Bell Rapids Finance Costs (trustee fees, WD02).....	$396,894.10	
TOTAL COMMITTED FUNDS.....	$396,894.10	
**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.....	$3,322,885.32	
Loan Principal from Magic Valley & North Snake GWD.....	$8,720,788.86	
**Total Pristine Springs Project Revenue to be Transferred.....		**$13,005,349.28**
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.....		**$716,049.28**
Pristine Springs Committed Funds		
Loan Payments to be transferred to 0129.....	$716,000.00	
**TOTAL COMMITTED FUNDS.....	$716,000.00	
Loans Outstanding for Purchase of PS Water Rights		
Loan to North Snake & Magic Valley GWD.....	$10,000,000.00	
Payments from North Snake & Magic Valley GWD.....	($8,134,091.11)	
Total Loans Outstanding.....	$1,865,908.89	
**Uncommitted Pristine Springs Sub-Account.....		**$49.28**
Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account		
Pristine Springs Hydropower and Rental Revenues.....	$271,672.34	
Interest Earned State Treasury.....	$573.11	
**Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account Revenue.....		**$272,245.45**
Spokane River Forum.....	($23,000.00)	
Treasure Valley Water Quality Summit.....	($500.00)	
Kootenai-Shoshone Soil & Water Cons. Dist. - Agrimet Station.....	($20,000.00)	
Rathdrum Prairie-Spokane Valley Aquifer Pumping Study (CON00989).....	($70,000.00)	
Idaho Washington Aquifer Collaborative.....	($10,000.00)	
**Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account Expenditures.....		**($123,500.00)**
**Cash Balance Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account.....		**$148,745.45**
Committed Funds		
Spokane River Forum.....	$0.00	
TOTAL COMMITTED FUNDS	$0.00	
**Uncommitted Rathdrum Prairie CAMP & TV CAMP Sub-Account.....		**$148,745.45**
Upper Salmon/CBWTP Sub-Account		
Water Transaction Projects Payment Advances from CBWTP/Accord	$7,147,414.03	
PCSRF Funds for Admin of Non-Diversion Easements on Lemhi River.....	$216,584.46	
Interest Earned State Treasury.....	$702,912.30	
**Upper Salmon/CBWTP Sub-Account Revenue.....		**$8,066,910.79**
Transfer to Water Supply Bank.....	($129,812.92)	
Change of Ownership.....	($600.00)	
Appraisals/Closing Costs.....	($15,023.98)	
Payments for Water Acquisition	($5,222,084.08)	
**Upper Salmon/CBWTP Sub-Account Expenditures.....		**($5,367,520.98)**
**Cash Balance CBWTP Sub-Account.....		**$2,699,389.81**
Committed Funds		
Administration of Non-Diversion Easements on Lemhi River.....	$119,250.61	
Bar G Farms (Pahsimeroi- Little Mud).....	($5,290.98)	
Bayhorse Creek (Peterson Ranch).....	$17,834.38	
Badger Creek (OWBP) WSB.....	$2,389.10	
Beaver Creek (DOT LLP).....	$81,610.78	
Big Timber Tyler Phase I(Leadore Land Partners).....	$217,710.32	
Big Timber Tyler Phase II (Leadore Land Partners).....	$73,419.63	
Bohannon Creek DJ (Barbara Stokes).....	$661,283.33	
Bohannon Creek BS (Betty Stokes).....	$325,190.00	
Canyon Creek/Big Timber Creek (Beyeler).....	$223,875.16	
Carmen Creek (Bill Slavin).....	$149,315.14	
Carmen Creek (Bruce Slavin).....	$93,696.42	
Fourth of July Creek (Defiance Investments).....	$8,560.09	
Iron Creek (Koncz).....	$54,392.61	
Knapp Creek (Cape Horn Ranch LLC).....	($7,804.50)	

Kenney Creek Source Switch (Gail Andrews)	$14,576.50	
Lemhi - Big Springs (Merrill Beyeler)	$36,012.54	
Lemhi River & Little Springs Creek Kauer (McFarland Livestock Co)	$10,773.86	
Little Springs Creek (Snyder)	$144,100.36	
Lower Eighteenmile Creek (Ellsworth Angus Ranch)	$1,777.78	
Lower Lemhi Thomas (Robert Thomas)	$900.00	
P-9 Bowles (River Valley Ranch)	$95,256.19	
P-9 Charlton (Sydney Dowton)	$6,358.52	
P-9 Dowton (Western Sky LLC)	$76,195.28	
P-9 Elzinga (Elzinga)	$94,247.32	
Patterson-Big Springs PBSC9 (Silver Bit Angus/S Whitworth)	$103,249.85	
Pole Creek (Salmon Falls Land)	$457,632.58	
Pratt Creek (Mulkey)	$62,333.01	
Spring Creek (Richard Beard)	$1,562.61	
Spring Creek (Ella Beard)	$2,285.76	
Whitefish (Leadore Land Partners)	$42,428.68	
Total Committed Funds	$3,165,122.93	
Uncommitted CBWTP Sub-Account Balance		**($465,733.12)**
Water Supply Bank Sub-Account		
Interest Earned State Treasury	$120,399.54	
Payments received from renters	$8,167,497.24	
Payments made to owners	($7,364,122.44)	
Cash Balance Water Supply Bank Sub-Account		**$923,774.34**
Committed Funds:		
Owners Share	$803,374.80	
Total Committed Funds	$803,374.80	
Uncommitted Water Supply Bank Sub-Account Balance		**$120,399.54**
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	$2,276,862.64	
Loan Interest	$316,830.57	
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		**$14,054,348.83**
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	($3,541,652.21)	
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		**($12,155,067.10)**
Cash Balance Eastern Snake Plain Sub-Account		**$1,899,281.73**
Loans and Other Commitments		
Commitment - Additional recharge projects preliminary development	$337,594.00	
Commitment - Palasades Storage O&M	$3,221.64	
Commitment - Black Canyon Exchange Project (fund with ongoing revenues)	$442,252.95	
Total Loans and Other Commitments	$783,068.59	
Eastern Snake Plain Sub-Account Balance after Committments		**$1,116,213.14**
CREP Loans Outstanding:		

American Falls-Aberdeen GWD (CREP)	$0.00	
Bonneville Jefferson GWD (CREP)	$0.00	
Magic Valley GWD (CREP)	$0.00	
North Snake GWD (CREP)	$0.00	
TOTAL ESP CREP LOANS OUTSTANDING	$0.00	
Uncommitted Eastern Snake Plain Sub-Account Balance		**$1,116,213.14**
Dworshak Hydropower Project		
Power Sales & Other	$18,071,750.73	
Interest Earned State Treasury	$2,288,797.31	
Total Dworshak Project Revenue		**$20,360,548.04**
Operations & Maintenance	($4,547,799.22)	
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		**($6,275,608.53)**
Cash Balance Dworshak Hydropower Project		**$14,084,939.51**
Dworshak Project Committed Funds		
Emergency Repair/Future Replacement Fund	$7,015,980.33	
FERC Fee Payment Fund	$0.00	
Total Dworshak Project Committed Funds	$7,015,980.33	
Uncommitted Dworshak Hydropower Project Sub-Account Balance		**$7,068,959.18**

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	$2,214,134.09
Bannock Feeder Canal	$335,110.00	$329,728.36
Bee Line Water Association (Sep 23, 2014; System Improvements)	$600,000.00	$411,637.30
Bennington Irrigation Company (Infrastructure replacement)	$117,184.82	$30,527.98
Blaine County Canal Co.	$6,000,000.00	$819.64
Boise City Canal Company	$200,000.00	$101,290.57
Boise Warm Springs Water District	$2,810,000.00	$2,810,001.02
Canyon County Drainage District No. 2 (28-Nov-12; Drain tile pipeline replacement)	$35,000.00	$0.00
Clearview Water Company	$50,000.00	$0.00
Cloverdale Ridge Water Corporation (Irrigation infrastructure)	$56,615.00	$46,976.40
Conant Creek Canal Company	$90,000.00	$76,000.00
Consolidated Irrigation Company (July 20, 2012; pipeline project)	$500,000.00	$245,984.48
Dalton Water Association	$1,036,900.00	$0.00
Enterprize Canal Company	$3,588,856.00	$3,121,700.00
Evans Water Corporation & HOA	$20,000.00	$9,139.64
Falls Irrigation District	$1,921,508.35	$1,921,508.35
Foothill Ranch Homeowners Association (7-oct-11; well rehab)	$150,000.00	$33,809.63
Goose Lake Reservoir Corp	$320,000.00	$127,187.87
King Hill Water Corporation (Irrigation infrastructure replacement)	$1,500,000.00	$1,337,085.93
Lakeview Estate Subdivision HOA	$65,000.00	$39,989.39
Last Chance Canal Company (14-July-2015, diversion dam rebuild)	$2,500,000.00	$1,421,935.06
Marsh Center Irrigating Company	$700,000.00	$80,331.14
Milner Irrigation District (pipeline replacement)	$2,000,000.00	$1,623,439.88
North Side Canal Company (Phase 1 - canal rehab project)	$1,846,092.61	$1,216,683.80
Outlet Water Association (22-Jan-16; new well & improvements)	$100,000.00	$26,001.05
Picabo Livestock Co Inc.	$95,000.00	$84,562.93
Pinehurst Water District (23-Jan-15)	$100,000.00	$0.00
Pinehurst Water District	$87,000.00	$82,159.21
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	($0.00)

St. Johns Irrigating Company (14-July-2015; pipeline project)……	$1,417,905.22	$921,899.69		
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		
Weiser Irrigation District….....	$126,500.00	$106,090.00		
TOTAL LOANS OUTSTANDING.....			**$21,049,377.91**	
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….....		$98,709.43		
Boise Warm Springs Water District….....		($1.02)		
Chester Canal & Irrigation Company….....		$34,895.00		
Conant Creeek Canal Company….....		$14,000.00		
Enterprize Canal Company….....		$467,156.00		
Falls Irrigation District….....		$7,103,544.42		
Lakeview Estates Subdivision HOA….....		$25,010.61		
Marsh Center Irrigating Company….....		$35,000.29		
Pinehurst Water District….....		$509.69		
Point Springs Grazing Association……..		$17,335.53		
Weiser Irrigation District….....		$20,410.00		
TOTAL LOANS AND OTHER FUNDING OBLIGATIONS.....			**$12,368,475.86**	
TOTAL CASH BALANCE….....				**$37,669,385.89**
COMMITTED FUNDS AFTER LOAN OBLIGATIONS….....				**($26,341,563.96)**
UNCOMMITTED FUNDS AFTER LOAN OBLIGATIONS….....				**$11,327,821.93**

Idaho Water Resource Board
Sources and Applications of Funds
as of June 30, 2025
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 State Treasury		$132,368.34	
Filing Fee Balance		$2,633.31	
Water Supply Bank Receipts		$841,803.07	
Bond Fees		$277,254.94	
Funds from DEQ and IDOC for Glenns Ferry Water Study		$10,000.00	
Legislative Appropriation (HB988, 1994)		$75,000.00	
Reverted to General Account 6/30/95, (HB988, 1994)		($35,014.25)	
Legislative Appropriation (SB1260, 1995, Aquifer Recharge, Caribou Dam)		$1,000,000.00	
Legislative Appropriation (SB1239, 2001, Sugarloaf Aquifer Recharge Project)		$60,000.00	
Reverted to General Fund 1/22/19, (SB1239, 2001, Sugarloaf Aquifer Recharge Project)		($4,046.31)	
Legislative Appropriation (HB 843 Sec 6, 2004, ESPA Settlement Water Rentals)		$520,000.00	
Legislative Appropriation (SB1496, 2006, ESP Aquifer Management Plan)		$300,000.00	
Legislative Appropriation (HB 320, 2007, ESP Aquifer Management Plan)		$849,936.99	
Lemhi River Water Right Appraisals		($31,000.00)	
Legislative Audits		($10,645.45)	
IWRB Appraisal Study (Charles Thompson)		($5,000.00)	
Western States Water Council Annual Dues		($7,500.00)	
Transfer to/from Revolving Development Account		($317,253.80)	
Recharge Projects		($11,426.88)	
Grants Disbursed		($1,632,755.21)	
Obligated 1994 (HB988)		($39,985.75)	
SB1260, Aquifer Recharge		($947,000.00)	
SB1260, Soda (Caribou) Dam Study		($53,000.00)	
Sugarloaf Aquifer Recharge Project (SB1239, 2001)		($55,953.69)	
ESPA Settlement Water Rentals (HB 843, 2004)		($504,000.00)	
ESP Aquifer Management Plan (SB1496, 2006)		($300,000.00)	
ESP Aquifer Management Plan (HB320, 2007)		($801,077.75)	
CASH BALANCE			**$129,137.56**
Other Funding Commitments			
ESPA Settlement Water Rentals (HB 843, 2004)	$16,000.00		
Other Funding Committments		**$16,000.00**	
Original Water Mgmt Account Uncommitted Funds			**$113,137.56**

Regional Water Sustainability & Other Large Water Projects Sub-Account/Water 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		
Water Project Loan Repayments	$346,073.77		
Water Project Loan Interest	$5,276.01		
Interest Earned State Treasury	$29,522,238.51		
Total Revenue for Regional Water Sustainability & Other Large Water Projects Sub-Account		**$279,873,588.29**	
Regional Water Sustainability & Other Large Water Projects Expenditures	($20,316,340.04)		
Statewide Recharge Projects Expenditures	($191,487.00)		
Water Project Loan Program Expenditures	($430,633.55)		
Total Expenditures for Large Water Projects Program Sub-Account		**($20,938,460.59)**	
Cash Balance for Regional Water Sustainability & Other Large Water Projects/Water Project Loan Program Sub-Account			**$258,935,127.70**

Regional Water Sustainability & Large Water Projects Committed Funds**	**Committed Funds**	**Expenditures**	**Remaining Balance**
Anderson Ranch Dam Raise	$10,000,000.00	($1,232,046.50)	$8,767,953.50
Mountain Home Air Force Base Sustainable Water Project	$10,000,000.00	($104,000.00)	$9,896,000.00
Priest Lake Water Management Project (Northbank Civil & Marine-CON 5374), Travel Costs.	$5,420,000.00	($4,854,477.16)	$565,522.84
Priest Lake Outlet Dam - Litigation contract (CON01615, CON 6971, CON 6987),	$2,748,000.00	($1,988,815.01)	$759,184.99
Dworshak/Clearwater Pipeline (Governor's Initiative)	$60,000,000.00		$60,000,000.00
Statewide Recharge Infrastructure	$40,000,000.00		$40,000,000.00
Bear Lake Additional Water Storage	$2,000,000.00		$2,000,000.00
Water Project Loan Program	$20,996,333.00	$0.00	$20,996,333.00
GW to SW Conversion Grants	$20,000,000.00	$0.00	$20,000,000.00
Gooding Flood Control Project (CON 5225)	$4,000,000.00	($3,600,000.00)	$400,000.00
City of Nampa	$3,000,000.00		$3,000,000.00
Lewiston Orchards Irrigation District (CON 5377)	$1,287,000.00	($1,196,910.00)	$90,090.00
Lost Valley Reservoir Enlargement (CON 5788)	$560,000.00	**($170,191.37)**	$389,808.63
Palouse Basin Alternative Water Supply Project - Conceptual Design (10%)	$5,000,000.00		$5,000,000.00
Raft River Pipeline	$7,000,000.00		$7,000,000.00
Water District #63 - Treasure Valley Water Supply Assessment Project (CON 5015)	$474,320.00	($139,950.00)	$334,370.00
Upper Payette Basin Storage Water	$5,000,000.00		$5,000,000.00
North Fremont Canal Systems Phase 5 Pipeline Project (CON 5016)	$7,811,056.00	($7,029,950.00)	$781,106.00
ESPA Improvement Projects (Governor's Initiative)	$5,000,000.00		$5,000,000.00
Blackfoot to Minidoka Reach Gain Improvement Projects	$5,000,000.00		$5,000,000.00
Efficiency and Capacity Improvements to Canals Systems Grant	$20,000,000.00		$20,000,000.00
Statewide Monitoring and Measurement Grant Program	$10,000,000.00		$10,000,000.00
Other Regional Sustainability Projects, Loans, or Grants	$18,082,521.00		$18,082,521.00
Total Large Water Projects Program Committed Funds	**$263,379,230.00**	**($20,316,340.04)**	**$243,062,889.96**

Statewide Recharge Projects Total Budgeted from Spending Plan Funds**				**$40,000,000.00**
	Committed Funds	**Expenditures**	**Remaining Balance**	
Bingham County Groundwater District Recharge Facility (Res 20-2025)	$2,500,000.00		$2,500,000.00	
Vanderford Road Test Recharge Well	$296,500.00		$296,500.00	
People's Canal Text Recharge Well	$135,000.00		$135,000.00	
New Sweden Irrigation District Osgood Recharge Test Wells	$250,000.00		$250,000.00	
New Sweden Irrigation District Basalt Test Recharge Wells (CON6602)	$256,000.00	**($191,487.00)**	$64,513.00	
Total Water Project Loan Program Committed Funds	**$3,437,500.00**	**($191,487.00)**	**$3,246,013.00**	
Reserve for other Statewide Recharge Projects				**$36,562,500.00**

Water Project Loan Program**	**Disbursements**	**Repayments**	**Principal Balance**

North Side Pumping Company ($1,200,000)	($397,736.87)	$346,073.77	($51,663.10)
North Side Canal Company ($5,000,000)	$0.00		$0.00
King Hill Irrigation District ($500,000)	$0.00		$0.00
Raft River Recharge Group ($14,111,000)	$0.00		$0.00
Farmer Land & Irrigation Loan ($185,333)	(32,896.68)		($32,896.68)
Total Water Project Loan Program Committed Funds	**($430,633.55)**	**$346,073.77**	**($84,559.78)**

GW to SW Conversion Grants (Round 1)	**Grant Amount**	**Expenditures**	**Remaining Balance**
Aberdeen-American Falls GWD (Lake Channel Pipeline)	$1,337,379.00		$1,337,379.00
Bingham GWD (Morgan Enterprises)	$91,882.50		$91,882.50
Bingham GWD (S&L Murdock)	$123,481.10		$123,481.10
Bingham GWD (V&L Cornelison)	$32,573.12		$32,573.12
Bingham GWD (R&L Polatis)	$183,666.00		$183,666.00
Bonneville-Jefferson GWD (Osgood pipeline)	$5,000,000.00		$5,000,000.00
Bonneville-Jefferson GWD (Brett Jensen Farms)	$65,640.00		$65,640.00
Magic Valley GWD (Large Conversion)	$5,000,000.00		$5,000,000.00
Magic Valley GWD (McManus)	$131,285.70		$131,285.70
Magic Valley GWD (PKD Properties)	$21,617.20		$21,617.20
Snake River Valley Irrigation District (West Branch Canal Improvements)	$1,343,100.00		$1,343,100.00
Balance for GW to SW Conversion Grants - Round 1	**$13,330,624.62**	**$0.00**	**$13,330,624.62**

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)	**($12,855,416.27)**		
Grants Disbursed for Legislative Appropriation (HB 361, Sec 1, 2023)	**($5,635,245.18)**		
Total Expenditures for Aging Infrastructure Grant Program			**($18,490,661.45)**
Cash Balance for Aging Infrastructure Grant Programs			**$56,509,338.55**

Aging Infrastructure Program Grants (Round 1)**	**Grant Amount**	**Expenditures**	**Remaining Balance**
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		$2,000,000.00
Boise Project Board of Control (CON01625 - New York Canal Lining)	$2,418,900.00	($806,300.00)	$1,612,600.00
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	($22,860.00)	$600.00
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***	***($58,200.00)***	***$0.00***
King Hill Irrigation District (CON01620 - Pump Station & Closed Conduit)	***$1,980,259.00***	***($1,980,259.00)***	***$0.00***
North Side Pumping Company (CON01626 - Pump Station/Canal Abandonment)	***$951,800.00***	***($951,800.00)***	***$0.00***
Water District 63 (CON01622 - Monitoring System Upgrades)	***$30,793.00***	***($30,793.00)***	***$0.00***
Balance for Aging Infrastructure Grants - Round 1	**$10,679,952.00**	**($6,914,875.00)**	**$3,765,077.00**
Aging Infrastructure Program Grants (Round 2)**			
Big Lost Irrigation District (CON01650)	$900,000.00	($481,217.83)	$418,782.17
Boise City Canal Company (CON01651)	$122,000.00	($122,000.00)	$0.00
Burley Irrigation District (CON01652)	$891,000.00	($15,132.78)	$875,867.22
Cub River Irrigation Company (CON1653)	$1,000,000.00	($51,833.33)	$948,166.67
Curran Ditch Users Association (CON01654)	***$16,100.00***	***($16,100.00)***	***$0.00***
Falls Irrigation District (CON01655)	$2,000,000.00	($2,000,000.00)	$0.00
Hat Butte Mutual Canal Company	***$78,965.00***	***($78,965.00)***	***$0.00***
Hayden Lake Irrigation District (CON01657)	$1,654,411.00	($919,033.72)	$735,377.28
HFF Conant Creek (CON01668)	$499,145.00	($498,999.60)	$145.40
Island Ward Canal Co	$11,945.00		$11,945.00
King Hill Irrigation District (CON01658)	$828,501.00	($740,062.67)	$88,438.33
Nampa Meridian Irrigation District (CON01637 Rev)	$3,686,164.00	($694,379.34)	$2,991,784.66
North Side Canal Company	$2,000,000.00		$2,000,000.00
Solenberger Ditch Company (CON01660)	***$3,000.00***	***($3,000.00)***	***$0.00***
Sunnydell Irrigation District (CON 7263)	$30,233.00	($30,233.00)	$0.00
Twin Falls Canal Company (CON01661)	***$245,547.00***	***($245,547.00)***	***$0.00***
Twin Falls Canal Company (CON01662)	***$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	**$14,320,048.00**	**($5,940,541.27)**	**$8,379,506.73**
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 (CON 5354)	$825,000.00	($823,135.94)	$1,864.06
Egin Bench Canals Inc	$31,349.00		$31,349.00
Falls Irrigation District (CON 4846)	$831,079.00	($831,079.00)	$0.00
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 (CON 5300)	$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 (CON 5346)	***$11,496.00***	***($11,496.00)***	***$0.00***
Milner Dam Inc	$2,000,000.00		$2,000,000.00
Mountain Home Irrigation District (CON 4848)	$132,412.00	($84,103.29)	$48,308.71
Payette Lakes Recreational Water & Sewer Distirict	$1,803,318.00		$1,803,318.00
Portneuf-Marsh Valley Canal Co (CON 4737)	$625,000.00	($417,078.81)	$207,921.19
Twin Falls Canal Company	$20,458.00		$20,458.00
United Canal Co	$70,000.00		$70,000.00
Weiser River Soil Conservation District (CON 5196)	$124,410.00	($124,410.00)	$0.00
West Indian Cove Water Co	***$545,344.00***	***($545,344.00)***	***$0.00***
Balance for Aging Infrastructure Grants - Round 3	**$11,083,621.00**	**($3,558,971.37)**	**$7,524,649.63**
Aging Infrastructure Program Grants (Round 4)**			
American Falls Reservoir District # 2 (CON5208)	***$40,000.00***	***($40,000.00)***	***$0.00***
Bilbrey Ditch Company (CON 7222)	$40,173.00	($22,308.00)	$17,865.00
Black Canyon Irrigation District	$100,000.00		$100,000.00
Capital View Irrigation District	$59,550.00		$59,550.00
Dalton Gardens Irrigation District (CON 5403)	$1,369,165.00	($49,337.16)	$1,319,827.84
Farmers Land & Irrigation Company	$89,667.00		$89,667.00
Fremont Madison Irrigation District	$26,680.00		$26,680.00

Jefferson Irrigation Company (CON 5325)	$581,488.00		$581,488.00
Jefferson Irrigation Company (CON 5213)	$145,648.00	($22,522.50)	$123,125.50
Last Chance Canal Company (CON 5625)	$140,674.00	($68,821.53)	$71,852.47
Moore Canal Water Users' Assocation (CON 5329)	$1,024,819.00	($374,131.00)	$650,688.00
Mountain Home Irrigation District (CON 5829)	$394,403.00	($145,277.02)	$249,125.98
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 Irrigating and Manufacturing (CON 5228)	$58,008.00	($52,734.00)	$5,274.00
Twin Falls Canal Company (CON 5199)	***$51,332.00***	***($51,332.00)***	***$0.00***
Balance for Aging Infrastructure Grants - Round 4	**$7,678,350.00**	**($826,463.21)**	**$6,851,886.79**
Aging Infrastructure Program Grants (Round 5)**			
City of Cottonwood	$2,000,000.00		$2,000,000.00
Monteview Canal Company	$2,000,000.00		$2,000,000.00
New Sweden Irrigation District	$1,162,864.00		$1,162,864.00
Twin Lakes Canal Company	$1,633,500.00		$1,633,500.00
Nampa-Meridian Irrigation District	$109,185.38		$109,185.38
Riverside Irrigation District	$524,081.25		$524,081.25
Fremont Madison Irrigation District	$69,320.13		$69,320.13
Boise Valley Irrigation Ditch Company (CON 7105)	$105,811.00	($71,379.39)	$34,431.61
Snake River Valley Irrigation District	$214,846.50		$214,846.50
Woodmansee-Johnson Canal Company	$39,520.00		$39,520.00
Water District 65	$63,301.26		$63,301.26
Falls Irrigation District	$40,198.00		$40,198.00
Minidoka Irrigation District B2 (CON 6976)	$89,431.21	($89,431.21)	$0.00
Moore Canal Water Users	$379,952.00		$379,952.00
Minidoka Irrigation District D5	$68,296.22		$68,296.22
Consolidated Irrigation Company	$90,250.00		$90,250.00
Settlers Irrigation District	$93,135.24		$93,135.24
Consolidated Irrigation Company	$709,500.00		$709,500.00
Burnett Water Users Association (CON 6885)	$1,089,000.00	($1,089,000.00)	$0.00
Darlington Water Users Association	$1,027,950.00		$1,027,950.00
Davis Water Users	$12,375.00		$12,375.00
A&B Irrigation District	$31,350.00		$31,350.00
Palisades Irrigation Company	$15,403.41		$15,403.41
Balance for Aging Infrastructure Grants - Round 5	**$11,569,270.60**	**($1,249,810.60)**	**$10,319,460.00**
Future Aging Infrastructure Grants (Rounds 6-7)**	**$19,668,758.40**		**$19,668,758.40**
Total Aging Infrastructure Program Committed Funds	**$75,000,000.00**	**($18,490,661.45)**	**$56,509,338.55**

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	($200,000.00)		
Total Expenditures for Water Quality Collection Program Sub-Account		**($600,000.00)**	
Cash Balance for Water Quality Collection Program Sub-Account			**$10,277.76**
Water Quality Collection Program Committed Funds			
DOI-USGS Agreement FY 2022 - Mid-Snake River	$0.00		
Total Water Quality Collection Program Committed Funds		**$0.00**	
Water Quality Collection Program Uncommitted 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	$222,551.32		
Total Revenue for Flood Management Program Sub-Account		**$6,622,551.32**	
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)	($483,773.67)		
Grants Disbursed for Leg Approp (SB 1181, Sec 5, 2023, Flood Mgmt Pgm-Year 6)	($232,978.84)		
Total Expenditures for Flood Management Program Sub-Account		**($3,624,770.39)**	
Cash Balance for Flood Management Program Sub-Account			**$2,997,780.93**

Flood Management Grant Program Committed Funds

Flood Management Program grants - Year 1 (HB712, Sec 1, 2018)	**Grant Amount**	**Expenditures**	**Remaining Balance**
Flood Control District 9 (CON01303)	***$90,000.00***	***($84,851.70)***	***$5,148.30***
Blaine County (CON01304)	***$121,331.00***	***($121,331.00)***	***$0.00***
Cassia County (CON01305)	***$42,336.38***	***($19,618.16)***	***$22,718.22***
Flood Control District 10 (CON01306 - New Dry Creek River Bank)	***$78,400.00***	***($62,156.50)***	***$16,243.50***
Flood Control District 10 (CON01307 - Duck Alley Pit Capture)	***$153,550.00***	***($105,470.43)***	***$48,079.57***
Flood Control District 10 (CON01308 - Porter & Mulchay Gravel Removal)	***$38,808.00***	***($35,250.77)***	***$3,557.23***
Clearwater Soil & Water Conservation Dist (CON01309)	***$155,220.00***	***($155,219.00)***	***$1.00***
Flood Control District 10 (CON01310 - Leighton & Wells Gravel Removal)	***$22,000.00***	***($22,000.00)***	***$0.00***
Flood Control District 11 (CON01311)	***$57,675.00***	***($55,100.00)***	***$2,575.00***
Twin Lakes/Flood Control Dist 17 (CON01312)	***$7,750.00***	***($7,750.00)***	***$0.00***
Twin Falls Canal Company (CON01327)	***$85,340.00***	***($85,340.00)***	***$0.00***
Nez Perce Soil & Water Conservation Dist (CON01328)	***$115,460.00***	***($115,460.00)***	***$0.00***
Riverside Village HOA (CON01329)	***$6,025.00***	***($6,025.00)***	***$0.00***
City of Pocatello (CON01330)	***$26,105.00***	***($26,105.00)***	***$0.00***
Uncommitted from HB712 Year 1	*($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)				
City of Boise (CON01396)	***$6,371.00***	***($6,371.00)***	***$0.00***	
Blaine County (CON01397)	***$100,000.00***	***($96,555.00)***	***$3,445.00***	
Board of Controls Irrigation (CON01398)	***$59,050.00***	***($57,827.50)***	***$1,222.50***	
Clearwater Soil & Water Conservation District (CON01399)	***$190,492.37***	***($190,490.18)***	***$2.19***	
Clearwater Soil & Water Conservation District (CON01400)	***$72,727.39***	***($72,629.03)***	***$98.36***	
City of Hailey (CON01401)	***$50,000.00***	***($19,841.33)***	***$30,158.67***	
Flood Control District No. 10 (CON01402)	***$160,000.00***	***($160,000.00)***	***$0.00***	
Idaho Soil and Water Conservation District (CON01403) - CANCELLED	***$159,436.00***		***$159,436.00***	
Idaho Soil and Water Conservation District (CON01404)	***$21,619.50***	***($20,537.30)***	***$1,082.20***	
Blaine County (CON01405) - NOT EXECUTED	***$50,000.00***		***$50,000.00***	
Uncommitted from HB285 Year 2	*($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)				
Flood Control District 10 - Boise River North Channel (CON01510)	***$47,500.00***	***($47,500.00)***	***$0.00***	
Flood Control District 10 - Boise River Canyon Reach 1 (CON01509)	$175,000.00	($91,735.00)	$83,265.00	
Idaho Soil & Water Conservation District - Sill Creek (CON01488)	***$10,960.28***	***($10,960.28)***	***$0.00***	
Idaho Soil & Water Conservation District - Lower Cottonwood Creek (CON01489)	$27,935.20		$27,935.20	
Idaho Soil & Water Conservation District - Clear Creek (CON01490)	$18,570.60	($11,838.06)	$6,732.54	
City of Bellevue - Lower Howard Preserve (CON01491)	***$57,880.00***	***($57,880.00)***	***$0.00***	
Clearwater Soil & Water Conservation District - Louse Creek (CON01492)	***$24,687.00***	***($24,687.00)***	***$0.00***	
Pioneer Irrigation District - Mason Creek (CON01493)	***$148,500.00***	***($148,500.00)***	***$0.00***	
Raft River Flood Control District 15 - (CON01494)	$80,525.00	($26,255.60)	$54,269.40	
Lewis Soil Conservation District - Alpine Road (CON01495)	***$18,425.30***	***($18,425.30)***	***$0.00***	
City of Orofino - Orofino Creek (CON01496)	***$200,000.00***	***($200,000.00)***	***$0.00***	
Twin Falls Canal Company & City of Twin Falls (CON01497)	***$50,962.00***	***($50,962.00)***	***$0.00***	
Uncommitted from HB646 Year 3	*$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)				
North Side Canal Company - Red Bridge Flood Mgmt Storage Pond (CON01564)	$200,000.00		$200,000.00	
Flood Control District 9 - Bellevue Side Channel Project (CON01565)	$111,508.00	($110,132.19)	$1,375.81	
Nez Perce County & NPSWCD - Streambank Project	***$100,000.00***	***($100,000.00)***	***$0.00***	
Flood District 17 - Rathdrum Creek Debris Project (CON01567)	***$6,375.00***	***($6,375.00)***	***$0.00***	
Adams Soil & Water Conservation District - Grays Creek Project (CON01568)	$17,606.00	($17,227.40)	$378.60	
Clearwater Soil & Water Conservation Dist - Heywood Bridge Project (CON01569)	***$37,475.00***	***($37,475.00)***	***$0.00***	
Clearwater Soil & Water Conservation Dist - Swanson's Loop Project (CON01563)	***$200,000.00***	***($200,000.00)***	***$0.00***	
Reid Canal Company - Bannock Feeder Project (CON01570)	$200,000.00	($161,782.70)	$38,217.30	
Lewis Soil & Water Conservation District - Tiede Road Flood Project (CON01571)	$71,910.00	($56,936.57)	$14,973.43	
Idaho Soil & Water Conservation District - Clear Creek Project (CON01572)	$36,062.00	($3,416.88)	$32,645.12	
Uncommitted from SB1190 Year 4	$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	($69,924.00)	$55,076.00	
Riverside Water & Sewer District (CON01609)	$200,000.00	($191,199.67)	$8,800.33	
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**	**($483,773.67)**	**$669,479.33**	
Flood Management Program grants - Year 6 (SB 1181, Sec 5, 2023)				
Eagle Sewer District (CON4049)	$200,000.00	($128,700.00)	$71,300.00	
Flood Control District 9 (CON4050)	$118,086.00		$118,086.00	
City of Parma (CON4046)	$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	
Orofino Joint School District No. 171 (CON 4047)	$89,064.00	($63,866.98)	$25,197.02	
Clearwater SWCD - Jim Ford Crossing (CON4048) CANCELLED PER NEELEY MILLE	***$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**	**($232,978.84)**	**$688,109.16**	
Flood Management Program grants - Year 7 (SB 1269, Sec 15, 2024)				
Portneuf 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 (CON 6804)	***$6,800.00***	***($6,800.00)***	***$0.00***	
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 SB1269 Year 7	$0.00		$0.00	
Balance for Year 7 Flood Mgmt Grants	**$702,303.50**	**($6,800.00)**	**$695,503.50**	
Committed for Flood Management Grants	**$6,144,454.78**	**($3,631,570.39)**	**$2,512,884.39**	
Flood Management Grants Uncommitted Funds				**$484,896.54**
TOTAL Committed FUNDS BALANCE				**$302,101,112.90**
Uncommitted Funds				**$16,480,549.60**

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

**** Committments 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 June 30, 2025
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)….		75,502,456.00
BOR - Anderson Ranch CON 21WN102130….	(73,346,406.00)	
Mountain Home Air Force Base pipeline….	(29,819,655.16)	
Recharge Project Expenditures….	(6,981,879.55)	
Regional Water Sustainability Projects….	(18,307,544.00)	
Total ARPA Fund Expenditures….		(128,455,484.71)
Total Cash Balance ARPA…		**71,544,515.18**

ARPA Funds Approved by Resolution

	Committed	Contracted	Expenditures	Balance
USDOI/BOR - Anderson Ranch (CON 21WN102130)….	112,500,000.00	73,375,000.00	(73,346,406.00)	39,153,594.00
Mountain Home Air Force Base pipeline (CON4537, CON01636)….	33,000,000.00	31,749,377.00	(29,819,655.16)	3,180,344.84
Recharge Projects				
Butte & Market Lake - Recharge Wells….	546,700.00		(362,733.62)	183,966.38
Enterprize Canal Company - 55th Road (CON01666)….	1,700,000.00	1,700,000.00		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
Hamer Road Recharge Project (CANCELLED)….	0.00			0.00
Minidoka Irrigation Dist - Goyne Sump Recharge Project (CON01616)….	3,387,047.00	3,387,047.00	(430,931.27)	2,956,115.73
New Sweden Irrigation Dist - Head of the Basalt Recharge Site (CON01675)….	1,116,253.00	1,116,253.00	(1,188,978.75)	(72,725.75)
Progressive Irrigation Dist - South Fork Hwy Project (CON5362)….	3,650,000.00	3,650,000.00	(3,591,235.41)	58,764.59
Southwest Irrigation Dist - Big Sky & Murtaugh Injection Well….	200,000.00			200,000.00
Enterprize Canal Company - 55th Road Basin Expansion Project*….	2,388,587.00			2,388,587.00
Fremont-Madison Irrigation District - Egin Recharge Wells Complex*….	7,388,500.00			7,388,500.00
Regional Water Sustainability Projects				
Idaho Power - American Falls Spillway Rehab (CON4998)….	12,500,000.00	12,486,758.00	(6,912,894.00)	5,587,106.00
Boise Project Board of Control - New York Canal Lining (CON5786)….	25,000,000.00	25,000,000.00	(11,394,650.00)	13,605,350.00
Boise Project Board of Control - New York Canal Lining (CON5786)….	25,000,000.00	25,000,000.00		25,000,000.00
LOID - Lower Clearwater Exchange Project (CON5787)….	28,000,000.00	28,000,000.00		28,000,000.00
Total ARPA Funds…	**259,777,087.00**	**208,864,435.00**	**(128,455,484.71)**	**131,321,602.29**

*These projects have been authorized so that WMA or ARPA funds can be used for payment. Total ARPA cannot exceed $250M

Memorandum

To: Idaho Water Resource Board (IWRB)

From: Cynthia Bridge Clark

Date: September 5, 2025

Re: Amended Water Management Account Fiscal Year (FY) 2026 Spending Plan

REQUIRED ACTION: Consider amendments to the FY 2026 Water Management Account spending plan.

Background:

The Idaho Water Resource Board (IWRB) manages three accounts to fund programs and provide financial assistance for water development projects: the Revolving Development Account (RDA), Water Management Account (WMA), and the Secondary Aquifer Planning, Management and Implementation Fund (Secondary Fund). Since 2019, the Idaho Legislature has appropriated a total of $355 million to the IWRB's Water Management Account (WMA). In addition, the 2022 Idaho Legislature allocated approximately $250 million of the State's American Rescue Plan Act (ARPA) funding to support IWRB-approved projects.

The RDA funds specific programs and projects, including loans for water development projects. The IWRB approves annual budgets and spending plans for the Secondary Fund and WMA respectively to direct funding to regional water sustainability projects, grants, loans, and other IWRB-approved projects.

To help guide investment in projects that support water supply sustainability on a regional, basin-wide, or statewide scale in accordance with legislative direction, the IWRB maintains a list of priority projects: Regional Water Sustainability Projects Priority List (RWSP Priority List). The IWRB also oversees grant programs focused on aging infrastructure, flood management, and groundwater to surface water conversion projects, utilizing appropriations and revolving development funds. The IWRB is also planning new grant programs targeting delivery system efficiency and capacity improvements, and monitoring and measurement activities.

IWRB Meeting:

The IWRB passed an FY 2026 spending plan for the Water Management Account on May 23, 2025 (Resolution no. 19-2025). The plan incorporated the $30 million ongoing appropriation authorized under House Bill 445, enacted during the 2025 legislative session.

On September 9, 2025, the Finance Committee will review proposed amendments to the FY 2026 plan to incorporate funding for new proposed projects and the Governor Little's Executive Order No. 2025-05 requiring all agencies to reduce their General Fund Spending authority on file in the Office of the State Controller by three percent for their FY 2026 General Fund Appropriations.

Staff will present the Finance Committee's recommendations for potential amendments to spending plan at the September 12, 2025 IWRB meeting.

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE IDAHO WATER RESOURCE BOARD'S WATER MANAGEMENT ACCOUNT	RESOLUTION TO AMEND WATER MANAGEMENT ACCOUNT SPENDING PLAN FOR FISCAL YEAR 2026

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

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

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

WHEREAS, through Senate Bill (SB) 1121, the 2021 Idaho Legislature appropriated $50 Million to the Water Management Account; and

WHEREAS, in March 2021, through Resolution No. 07-2021, the IWRB allocated funds appropriated under HB 285 and SB 1121 to the Anderson Ranch Dam Raise, MAHFB Project, Eastern Snake Plain Aquifer recharge infrastructure, and the Bear Lake Additional Water Storage project; and

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

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

WHEREAS, HB 361, passed and approved by the 2023 Idaho Legislature, appropriated $150M to the WMA for large water projects and specified that the funding be used for purposes similar to those specified in HB 769, including the requirement that no more than one-third of the money be used for grants; and

WHEREAS, the 2024 Idaho Legislature, through SB 1411, appropriated $30 Million to the WMA to be used for large water projects at the direction of the IWRB; and

WHEREAS, the 2025 Idaho Legislature, through House Bill 445, appropriated $30 Million to the

WMA to be used for planning, construction, rehabilitation, reconstruction, and improvement of water infrastructure throughout the state; and

WHEREAS, HB 445 further directed that of the $30 Million appropriated in a single year, no more than fifty percent (50%) may be used within a single IWRB district, as defined in Idaho Code § 42-1732 unless there are not competing funding applications for water infrastructure projects in other districts for the current fiscal year; and

WHEREAS, for fiscal year 2026 (FY 2026), fifty percent (50%) of the appropriation from HB 445 shall be allocated for use in IWRB district 3 and fifty percent (50%) in district 4 for the purpose of supporting the 2024 Stipulated Mitigation Plan entered into by surface and ground water users on the Eastern Snake Plain; and

WHEREAS, in accordance with HB 769 and 361 referenced above, the IWRB established the Aging Infrastructure Grant Program and, over five application rounds, awarded $55,331,242 in grant money during fiscal years 2022 through 2025; and

WHEREAS, since July 2021, the IWRB has maintained a list of priority Regional Water Sustainability Projects (RWSP Priority List). The RWSP Priority List is intended to help guide the IWRB's spending from state general funds, American Rescue Plan Act (ARPA) funds, or other applicable sources for projects that support water supply sustainability on a regional, basin, or statewide scale. The IWRB also adopts criteria for inclusion of projects on the RWSP Priority List and has approved funding for projects on a case-by-case basis; and

WHEREAS, on May 23, 2025, through Resolution 16-2025, the IWRB added the ESPA Regional Water Sustainability Project to the RWSP Priority list to support projects and programs that contribute to aquifer stabilization; and

WHEREAS, on May 23, 2025, through Resolution 19-2025, the IWRB approved a spending plan for appropriations made to the WMA under the legislation referenced above, including estimated interest. The WMA Spending Plan considers projects on the RWSP Priority List, Aging Infrastructure Grants, certain IWRB approved loans, and other potential projects and programs; and

WHEREAS, the spending plan also allocates the $30 million appropriation for programs and projects under the ESPA Regional Water Sustainability Project that meet the spending requirements defined in HB 445 for fiscal year 2026; and

WHEREAS, a number of projects on the RWSP Priority List were determined eligible for funding from ARPA State Fiscal Recovery Fund. Given that ARPA funding has specific federal and state spending requirements, the spending plan includes allocation of additional funds from the WMA to be used if additional funding is required for project completion or if it is determined that ARPA funds are not authorized for specific project tasks; and

WHEREAS, on August 15, 2025, Idaho Governor Little issued Executive Order No. 2025-05 requiring all agencies to reduce their General Fund Spending authority on file in the Office of the State

Controller by three percent (3%) for their FY 2026 General Fund Appropriations pursuant to Section 67-3512A, Idaho Code.

WHEREAS, on September 9, 2025, the IWRB Finance Committee recommended an amended spending plan to the full IWRB that considers new projects, the 3% reduction directed under Executive Order No. 2025-05, and, to make WMA funding available for other qualified projects, changes the funding source for an approved $5 million IWRB loan to the Northside Canal Company (Loan No. IWRB1038) from the WMA to the IWRB's Revolving Development Account.

NOW, THEREFORE BE IT RESOLVED that the IWRB adopts the Amended FY 2026 WMA Spending Plan attached to this resolution that incorporates requirements of Executive Order No. 2025-05, as recommended by the Finance Committee.

NOW, THEREFORE BE IT FURTHER RESOLVED that the IWRB approves modifying the source of funding for the approved $5 million IWRB loan to the Northside Canal Company (Loan No. IWRB1038) from the WMA to the IWRB's Revolving Development Account, as recommended by the Finance Committee.

NOW, THEREFORE BE IT FURTHER RESOLVED that for projects identified in the attached spending plan and approved by the IWRB for funding from the ARPA State Fiscal Recovery Fund, the IWRB authorizes expenditures from the WMA to cover project activities deemed ineligible for ARPA funding.

NOW, THEREFORE BE IT FURTHER RESOLVED that the Amended FY 2026 WMA Spending Plan shall be automatically amended to reflect WMA expenditures approved through future IWRB resolutions.

DATED this 12th day of September 2025.

_____
JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST _____
DEAN STEVENSON, Secretary

Memorandum

To: Idaho Water Resource Board (IWRB)

From: Wesley Hipke

Date: September 4, 2025

Re: Proposed Amendment to the Secondary Aquifer Planning, Management & Implementation Fund – FY 2026 Budget - Resolution 18-2025

REQUIRED ACTION: Consider resolution to amend FY 2026 Secondary Aquifer Fund Budget

Staff will discuss proposed amendments to the FY 2026 budget for the Secondary Aquifer Planning, Management & Implementation Fund (Secondary Aquifer Fund). The Finance Committee will meet on September 9th, 2025, to consider amending the approved Secondary Aquifer Fund FY26 budget. Committee recommendations will also be presented at the IWRB meeting.

Attachment:

1) Draft Resolution w/ Attachment A: Proposed Amendment to the Secondary Aquifer Fund – FY 2026 Budget

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF AMENDING THE STATEWIDE WATER SUSTAINABILITY AND AQUIFER STABILIZATION, AND THE SECONDARY AQUIFER STABILIZATION, AND SECONDARY AQUIFER PLANNING, MANAGEMENT, AND IMPLEMENTATION FUND FISCAL YEAR 2026 BUDGET	RESOLUTION TO AMEND THE FISCAL YEAR 2026 BUDGET

WHEREAS, House Bill 547 passed and approved by the 2014 Legislature allocates $5 million annually through 2019 from the Cigarette Tax to the Idaho Water Resource Board's (IWRB) Secondary Aquifer Planning, Management, and Implementation Fund (Secondary Aquifer Fund) for statewide aquifer stabilization; and

WHEREAS, House Bill 256 passed and approved by the 2019 Legislature allocated $5 million in ongoing General Fund dollars to the IWRB's Secondary Aquifer Fund for statewide water sustainability and aquifer stabilization; and

WHEREAS, un-allocated funds already in the Secondary Aquifer Fund will be carried forward into the Fiscal Year 2026 budget; and

WHEREAS, many aquifers across Idaho are declining or have existing or potential conjunctive administration water use conflicts, including the Eastern Snake Plain Aquifer (ESPA), Mountain Home Aquifer, Wood River Valley Aquifer, Big Lost Aquifer, Raft River Aquifer, Malad Valley Aquifer, Treasure Valley Aquifer, Rathdrum Prairie Aquifer, Palouse Basin Aquifer, Lewiston Plateau Aquifer, and others; and

WHEREAS, ground water levels in many aquifers are inadequate to sustain a supply of water for surface and ground water irrigation, hydropower, municipal, industrial, and other uses, the curtailment of which would cause severe economic harm to Idaho's economy; and

WHEREAS, the State of Idaho relies on spring discharge from the ESPA through the Thousand Springs to assist in meeting the minimum streamflow water rights at the Murphy Gage established under the Swan Falls Agreement; and

WHEREAS, the 2016 Idaho Legislature passed and approved Senate Concurrent Resolution 137 which recognized that stabilizing and enhancing aquifer levels is in public interest, and directs the IWRB to take actions in aquifers across the state to stabilize and enhance aquifer levels thereby maintaining water supply for consumptive and non-consumptive uses and minimizing harm to Idaho's economy arising from water supply shortages; and

WHEREAS, the 2025 Idaho Legislature passed and approved Senate Concurrent Resolution 110 supporting the 2024 Stipulated Mitigation Plan entered into between the Surface Water Coalition and participating Groundwater District and supporting the IWRB revising the State Water Plan and the ESPA Comprehensive Aquifer Management Plan to establish a state-funded ESPA managed recharge goal of 350,000 acre-feet on an average annual basis; and

WHEREAS, on May 23, 2025, the IWRB approved Resolution 18-2025 for the use of available funds in the Secondary Aquifer Fund for statewide water sustainability and aquifer stabilization purposes for Fiscal Year 2026; and

WHEREAS, on August 15, 2025, Governor Little issued Executive Order No. 2025-05 requiring all agencies to reduce their General Fund Spending authority on file in the Office of the State Controller by three percent for their FY 2026 General Fund Appropriations pursuant to Section 67-3512A, Idaho Code.

NOW THEREFORE BE IT RESOLVED that the IWRB amends the adopted Fiscal Year 2026 Budget for the continuously-appropriated Secondary Aquifer Planning, Management, and Implementation Fund as shown in Attachment A to this resolution.

BE IT FURTHER RESOLVED that the budget may be adjusted, if necessary, based on the actual amount of Cigarette Tax funds received, interest income received, or the actual amount of carry-over from Fiscal Year 2025.

BE IT FURTHER RESOLVED that the ESPA Managed Recharge Program category as listed in Attachment A may proceed with no further approvals up to the budget amount listed in Attachment A to this resolution; however, the IWRB shall be kept apprised of such expenditures.

BE IT FURTHER RESOLVED that expenditures for Cloud Seeding Program under Operations and Maintenance for the Upper Snake River Basin, Wood River Basin, Bosie River Basin, Collaborative Program, Administration, and Technology along with the Weather Instrumentation under the Capital category and the Reserve category may proceed with no further approvals up to the budget amount listed in Attachment A to this resolution; however, the IWRB shall be kept apprised of such expenditures. Further, it is the IWRB's stated goal that both the state and the water users financially participate with Idaho Power in the Cooperative Cloud Seeding Program.

BE IT FURTHER RESOLVED that expenditures for hydrologic studies/monitoring/modeling in the Treasure Valley, Raft River Basin, Portneuf Basin, Mid Snake Basin, Palouse Basin, Mountain Home Basin, Big Lost Basin, and Wood River Basin may proceed with no further approvals up to the budget amount listed in Attachment A to this resolution; however, the IWRB shall be kept apprised of such expenditures.

BE IT FURTHER RESOLVED that Hydrology Activities and Statewide categories as listed in Attachment A may proceed with no further approvals up to the budget amount listed in Attachment A to this resolution; however, the IWRB shall be kept apprised of such expenditures.

BE IT FURTHER RESOLVED that the IWRB may modify this budget during Fiscal Year 2026 at a properly noticed meeting of the IWRB.

DATED this 12th day of September 2025.

_____
Jeff Raybould, Chairman
Idaho Water Resource Board

ATTEST _____
Dean Stevenson, Secretary

ATTACHMENT A:

FY2026 PROPOSED BUDGET FOR THE SECONDARY AQUIFER FUND

Estimated Carry-Over From FY25	$	5,191,425
General Fund (2026)	$	4,850,000
HB547 funds - receipt of Cigarette Tax proceeds	$	5,000,000
Estimated interest	$	750,000
TOTAL	**$**	**15,791,425**

Category	Sub-Category		FY26	
ESPA MANAGED RECHARGE PROGRAM				
ESPA Recharge Operations		Conveyance Cost	$3,500,000	**
		O&M (equipment, supplies, operational fees, etc.)	$200,000	
		AFRD2 MP31 Gate Repair	$50,000	
		NSCC Power to Wilson Canyon	$250,000	
		Recharge Monitoring	$750,000	
		TOTAL	**$4,750,000**	
ESPA Recharge Investigations	**Budgeted Investigations**	Recharge site characterization & canal capacity investigations	$238,000	
		BJGWD - Osgood Canal Improvement Evaluation ($50,000)	$50,000	
		NSCC Wilson Lake Area Study ($50,000)	$50,000	
		USGS WQ Trends Study (312,000)	$312,000	
		TOTAL	**$650,000**	
PROGRAM TOTAL			**$5,400,000**	
CLOUD SEEDING PROGRAM				
Operations & Maintenance	**Upper Snake River Basin**	2024-2025 Project Operations - Aircraft & Remote Ground (=2/3 * $1,945,000)	$1,361,500	
	Wood River Basin	2024-2025 Project Operations - Aircraft & Remote Ground (=2/3 * $802,000)	$561,400	
	Boise River Basin	2024-2025 Project Operations - Aircraft & Remote Ground (=2/3 * $1,079,000)	$755,300	
	Collaborative Program	Estimated Water User Contributions (11.58%)	($442,910)	
	New Basins	Infrastructure, Investigations, Administration | Bear River Basin	$1,006,000	*
	HCRCD Program	2024-2025 Upper Snake Project Operations - Manual Ground	$60,000	*
	Administration	Partnership Collaborations, Staff Travel, WMA/NAWMC Memberships	$20,000	
	Technology	Administration | Operational Modeling and Computing ($64K Total 50/50)	$32,000	
TOTAL			**$3,353,290**	
Capital	**Weather Instrumentation**	(Existing) Replacement/Enhancement/Upgrade	$200,000	
		(Statewide) New Devices	$0	
	Technology	(Infrastructure) Computing and Modeling	$500,000	*
	Equipment	Remote Ground Generators	$0	
TOTAL			**$700,000**	
Research & Development	**Technology & Investigations**	(Development) Weather Instrumentation and Modeling	$1,625,000	*
TOTAL			**$1,625,000**	
Reserve			$250,000	
CLOUD SEEDING PROGRAM TOTAL			**$5,928,290**	
TREASURE VALLEY				
Monitoring in support of the Treasure Valley model (annual)			$150,000	
Treasure Valley Recharge Pilot Project			$50,000	
Starr Watershed Project (1 of 2 years)			$50,000	
TOTAL			**$250,000**	
RAFT RIVER BASIN				
Raft River Hydrologic Studies and Monitoring			$50,000	
RAFT RIVER TOTAL			**$50,000**	
PORTNEUF BASIN				
Portneuf Hydrogeologic Study (Year 3 of 4)			$150,000	
TOTAL			**$150,000**	
BEAR RIVER BASIN				
Water Sustainability			$600,000	*
TOTAL			**$600,000**	
LEMHI BASIN				
Support of Water Sustainability Initiatives per settlement			$600,000	*
TOTAL			**$600,000**	
MID-SNAKE BASIN				
Mid-Snake Water Quality Monitoring (annual)			$50,000	
TOTAL			**$50,000**	
PALOUSE BASIN				
Aquifer monitoring			$200,000	
TOTAL			**$200,000**	
MOUNTAIN HOME BASIN				
Groundwater Model Development Year 2 of 4			$250,000	
TOTAL			**$250,000**	
BIG LOST BASIN				
Monitoring in support of Big Lost model development (annual)			$150,000	
TOTAL			**$150,000**	
WOOD RIVER BASIN				
Conservation, infrastructure fund associated with settlement (year 1 of 3)			$200,000	
Camas GW characterization, drilling, water levels associated with settlement (year 3 of 3)			$0	
TOTAL			**$200,000**	
HYDROLOGY ACTIVITIES				
ESPA monitoring			$300,000	
Statewide surface water and aquifer monitoring			$715,000	
New monitoring wells and instrumentation for ESPAM data gaps			$100,000	
TOTAL			**$1,115,000**	
STATEWIDE				
Professional Services (includes media & federal outreach services) and administrative costs			$250,000	
TOTAL			**$250,000**	
GRAND TOTAL			**$15,193,290**	
Reserve for Work in Other Priority Aquifers Total			**$ 598,135**	

These items will require the IWRB pass an additional resolution to authorize funding.

***Since FY2019, $3.5 M has been budgeted for ESPA Recharge Conveyance annually with the understanding that money budgeted but not spent within a fiscal year would stay committed and accrue for years when there is a large magnitude of water available for managed recharge. For the current fiscal year (FY26) there is $3.5M allocated plus $10.5M carried over from previous years for future conveyance fees.*

MEMO

To: Idaho Water Resource Board

From: Justin Ferguson

Date: September 9th, 2025

Subject: Surface Water Efficiencies Program – Twin Falls Canal Co. Funding Update

REQUESTED ACTION: Consider A Funding Update For The Twin Falls Canal Co. Project

At the Idaho Water Resource Board's July 25th, 2025, meeting, the Twin Falls Canal Company was awarded funding under the Surface Water Efficiencies Program to develop a recharge basin, install telemetry and monitoring stations for their return flows, and line sections of the existing canal.

The following draft resolution is intended to supersede the resolution approved at that meeting to adjust the funding sources for the project.

Attachments: TFCC Draft Funding Resolution

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE TWIN FALLS CANAL COMPANY SURFACE WATER EFFICIENCY PROGRAM FUNDING REQUEST	RESOLUTION TO AUTHORIZE FUNDING FOR COSTS RELATED TO CANAL LINING, MONITORING EQUIPMENT INSTALLATION, AND SYSTEM IMPROVEMENTS

WHEREAS, Idaho Code § 42-1760 authorizes the Idaho Water Resource Board (IWRB) to expend, loan, or grant money 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, House Bill 445 (HB 445) was passed by the 2025 Idaho legislature, appropriating an ongoing $30 million to the Idaho Water Resource Board to fund water infrastructure projects; and

WHEREAS, through Resolution 19-2025, the IWRB approved a Water Management Account Spending Plan (Spending Plan), which established a budget for the FY 2026 $30 million appropriation as part of an Eastern Snake Plain (ESPA) Regional Water Sustainability Project FY 2026 Earmark (FY 2026 Appropriation). The budget included $5,000,000 for the Surface Water Operational Efficiencies Program; and

WHEREAS, the Spending Plan also included $20,000,000 for Efficiency and Capacity Improvements to Canal Systems; and

WHEREAS, the IWRB passed resolution No. 23-2025 creating the Surface Water Efficiency Program (Program) to fund improvements in water delivery system operations, with a goal of enhancing the efficient use of surface water supplies within the Snake River Plain Aquifer Area of Common Groundwater Supply, in support of the 2024 Stipulated Mitigation Plan entered into by the surface and ground water users on the Eastern Snake Plain; and

WHEREAS, the Twin Falls Canal Company (TFCC) submitted a funding proposal to the IWRB in the amount of $26,340,915 for improvements to surface water operations within their canal system that will reduce TFCC's water demand without reducing incidental recharge to the ESPA; and

WHEREAS, the TFCC estimates the proposed projects will reduce surface water demand by approximately 19,000 and 68,000 acre-feet, furthering the objectives of the 2024 Stipulated Mitigation Plan.

NOW THEREFORE BE IT RESOLVED that the IWRB approves the funding request from the TFCC, in an amount up to $26,340,915, to be applied to the completion of proposed surface water operations

improvements and delivery system efficiencies (Project) that will reduce TFCC's water demand without reducing incidental recharge to the ESPA.

BE IT FURTHER RESOLVED that this resolution will replace existing IWRB resolution number 28-2025 approved July 25th, 2025.

BE IT FURTHER RESOLVED that funding under this resolution shall be disbursed in annual installments, contingent upon future legislative appropriations, and unused portion of an annual installment shall be carried forward to the following year.

BE IT FURTHER RESOLVED that the first installment of $11,000,000 for initial materials purchases and labor shall be funded as follows: $10,000,000 from funding budgeted for the Water Management Account's Efficiency and Capacity Improvements to Canal Systems Grants, $1,000,000 from the Surface Water Operational Efficiencies Program, available in FY 2026. Subsequent funding shall be drawn from ongoing appropriations authorized under HB 445 or, as available, from the Water Management Account, in accordance with the following schedule:

Funding amounts per fiscal year for the Project						
FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033
$2,200,000	$2,200,000	$2,200,000	$2,200,000	$2,200,000	$2,200,000	$2,140,915

BE IT FURTHER RESOLVED that the IWRB authorizes its Chairman or designee, to execute the necessary agreements or contracts with TFCC for the purpose of this resolution.

DATED this 12th day of September, 2025.

_____
JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST _____
DEAN STEVENSON, Secretary

MEMO

To: Idaho Water Resource Board

From: Justin Ferguson

Date: September 9th, 2025

Subject: Regional Water Sustainability List – Update List

REQUESTED ACTION: Consider Adding Project To The Regional Sustainability Priority List With Design Funding

The Idaho Water Resource Board (IWRB) maintains a list of projects intended to help achieve water supply sustainability on a regional, basin, or statewide scale. The Regional Water Sustainability Priority List is used to help guide spending from IWRB allocated funding sources for large, regional water sustainability projects.

A project proposal was received for consideration for inclusion in the Idaho Water Resource Board's Regional Water Sustainability Priority List from Milner Dam Inc. (MDI) to rehabilitate the existing emergency spillway.

The project would include restoring damaged concrete at the existing emergency spillway, installing improved decking across it, and redesigning and rebuilding the plunge pool downstream. Currently, the estimated cost for the project is $9,065,000; however, further design work is necessary before construction can begin.

At this time, MDI is requesting $1,500,000 in Regional Water Sustainability funding to support the ongoing design work for the Project. When MDI is able to reach a satisfactory level of design with updated project costs, the IWRB will be provided with an additional funding request for consideration for the remaining project costs.

Attachments:

Milner Dam Inc. – Project Proposal

Draft Resolution – *Add The Milner Dam Rehabilitation Project to the Regional Water Sustainability Priority List & Provide Design Funding*

Milner Dam Inc.
357 6th Avenue West
PO Box 326
Twin Falls, Idaho 83301

Grant Application for:
Idaho Water Resources Board
Regional Water Sustainability Project Priority List

Table of Contents

Table of Figures

1.0 Project Summary

Milner Dam Incorporated (MDI) is located in southcentral Idaho, approximately 12 miles west of Burley, Idaho. Milner Dam acts as the initial diversionary structure to deliver water to over 500,000 acres to the surrounding area. The proposed projects are broken into three different areas (phases) and will repair the Service Spillway Plunge Pool, the Emergency Spillway, and concrete and service gates on the Service Spillway. In the record high-water year of 1997, the spillway flows caused basalt and other material that had been placed during the 1992 dam rehabilitation to be transported downstream and away from the concrete service spillway. Observed flows exceeded design criteria and operational considerations at every facility in the mid-Snake River basin. As a result of this event, a "plunge pool" developed downstream of the service spillway's concrete apron. This plunge pool creates the risk that another historic flood flow could substantially impair operations at the dam and risk property and safety downstream. This rehabilitation project is aimed at repairing this plunge pool and securing the operations of Milner Dam into the future.

The Emergency Spillway Bridge Deck was the original primary spillway at Milner Dam from 1903 to the early 1990's when the Service Spillway was constructed. Over the years of operation, the bridge decking has been replaced and repaired. The proposed project would replace the bridge deck with a new galvanized steel bridge deck and provide better structural integrity.

The proposed project is to repair the Service Spillway Concrete and Service Gates that has been determined to have delamination and hairline cracking at Milner Dam. The proposed project would help reduce the hairline cracking and fix the areas of delamination on the service spillway below the ogee weir on the service spillway, and help repair the service spillway gates as needed.

2.0 Project Background Information

Date: September 12, 2025
Applicant Name: Milner Dam Inc.
City, County, State: Twin Falls, Twin Falls, Idaho

Project Manager:
Jason Brown
Engineer/Field Supervisor
208-733-6731
jbrown@tfcanal.com

Application Type: Milner Dam's Spillways Improvement Project – Improve Existing Infrastructure

Total Project Cost: $9,065,000.00

Milner Dam Incorporated (MDI) is located in southcentral Idaho, approximately 12 miles west of Burley, Idaho. The proposed projects will repair the Service Spillway Plunge Pool at Milner Dam, the Emergency Spillway, and concrete and service gates on the Service Spillway.

Service Spillway

In the high-water year of 1997, the spillway flows caused basalt and other material that had been placed during the 1992 dam rehabilitation to be transported downstream and away from the concrete service spillway. As a result of this event, a "plunge pool" developed downstream of the service spillway's concrete apron. The Federal Energy Regulatory Commission (FERC) has voiced concerns regarding the condition of the plunge pool and the possibility that further erosion may occur that could potentially begin undermining and eroding the service spillway. The proposed project would effectively reduce the erosive capacity of the spillway flow and/or increase resistance to erosion in the plunge pool. The most cost-effective approach is likely to include capping the plunge pool area with a durable concrete surface to reduce the potential for additional scour.

Emergency Spillway

The Emergency Spillway Bridge Deck was the original primary spillway at Milner Dam from 1903 to the early 1990's when the Service Spillway was constructed. Over the years of operation, the bridge decking has been replaced and repaired. The FERC has voiced concerns regarding the condition of the bridge decking over the years, and more recently in the 2017 Fifth Part 12 D Safety Inspection of Milner Dam. The proposed project would effectively replace the current wood deck with a new galvanized steel bridge deck. By completing this work, the integrity of Milner Dam emergency spillway bridge deck would be effectively addressed.

Service Spillway Concrete and Service Gate Repair

The proposed project is to repair the Service Spillway Concrete that has been determined to have delamination and hairline cracking at Milner Dam. In 2022 the Federal Energy Regulatory Commission (FERC) voiced concerns regarding the condition of the concrete below the ogee weir on the service spillway. The proposed project would help reduce the hairline cracking and fix the areas of delamination on the service spillway.

By completing this work, the integrity of Milner Dam will be preserved to ensure the delivery of surface irrigation water to 500,000 acres of farmland and provide clean hydropower for electricity users and ensuring the safety of downstream property owners and recreational users.

3.0 Project Sponsor

Type of Organization:

Milner Dam Inc. – A non-profit Idaho corporation, jointly owned by Twin Falls Canal Company and North Side Canal Company, both of which are non-profit corporations.

Brief history and Background:

Milner Dam Inc. is owned and operated in partnership between the Twin Falls Canal Company and the North Side Canal Company. Milner Dam is located in southcentral Idaho about 12 miles to the west of Burley, Idaho. Construction of Milner Dam was completed in 1905 as part of the Carey Act of 1894 and started to divert water that same year. Milner Dam is the diversion structure on the river that provides for the irrigation of more than 500,000 acres in southern Idaho. There are three canal diversions out of Milner Dam: Twin Falls Canal, North Side Canal, and the Milner-Gooding Canal. Two other irrigation entities pump water from the Milner Dam impoundment: A&B Irrigation District and Milner Irrigation District. Milner Dam is one of the most important structures for water diversion on the Snake River. Idaho Power Company also uses water impounded by Milner Dam to operate the Milner hydropower plants.

Revenue Sources:

MDI is funded by both the North Side Canal Company and Twin Falls Canal Company. Idaho Power provides a yearly stipend to help for operational purposes. Both Twin Falls Canal Company and North Side Canal Company levy an annual assessment on each share of water. The assessment rates are discussed during the budget cycle, and the Board's ratify the assessment amounts each year. Annual assessment notices are billed at the beginning of the budget cycle every November.

Current Operations:

Milner Dam Inc. owns and operates Milner Dam in partnership between Twin Falls Canal Company and North Side Canal Company. Milner Dam Inc. does not own or operate any other facilities. Milner Dam is the diversion structure for over 500,000 acres in southcentral Idaho. The North Side Canal Company, Twin Falls Canal Company, and the Milner-Gooding Canal (American Falls Reservoir District #2) all divert into open canal systems. Milner Irrigation District and A&B Irrigation District both pump water from the Milner Dam pool to supply water to agricultural farm ground.

4.0 Project Description

Narrative:

The Milner Dam Regional Water Sustainability Projects are located at Milner Dam. Milner Dam is located approximately 12 miles west of Burley, Idaho along the Snake River. Figure 1 shows a general location of Milner Dam west of Burley, Idaho.

Figure 1: Location of Milner Dam Relative to Burley, Idaho

Milner Dam, which was constructed between 1903 and 1905 and rehabilitated in the early 1990's, impounds 50,000 acre-feet of water in the Snake River to raise the water surface elevation high enough to divert water for irrigation purposes. Figure 2 below also shows the impoundment along with the three canal diversions, and the two spillways (Service and Emergency) are also labeled.

Figure 2: Project Area Map

This application for the Regional Water Sustainability Project List for Milner Dam has three major projects associated with it as well as smaller projects. The three main projects are the Service Spillway Plunge Pool, the Emergency Spillway Bridge Rehabilitation, and Concrete and Service Spillway Gate repair. This application will provide a narrative on each of the projects and incorporate a budget item for each one.

Service Spillway

The service spillway was constructed in 1992 as a Milner Dam rehabilitation project to allow power generation to be possible, and better manage water at Milner Dam. Portions of the north and middle dam embankments were removed, the foundation surface was cleaned down to good quality basalt, and any soil interbeds encountered were treated with filters and/or concrete before constructing the new buttress embankment section on the downstream face of the old dam.

Flow through the spillway chute steps down to a splash pad that was constructed as a part of the 1992 rehabilitation project. The splash pad was constructed level with the ground surface, and an erosion protection trench was excavated to the approximate base of one of the 'soil interbeds' that were identified from field exploration and backfilled with lean concrete. Existing documentation is unclear as to the exact nature of the earthen materials that were left adjacent to and downstream of the "u"-shaped concrete apron, but photographic evidence suggests that the material may have consisted of some native granular material along with basalt rocks.

Figure 2 shows the plunge pool that formed during the high-water year of 1997. Basalt and other material that had been placed during the 1992 dam rehabilitation project was transported downstream as a result of the high flow rate. Since this time, MDI, FERC, and Idaho Power have been monitoring the plunge pool and any issues associated with it. The Service Spillway Plunge Pool project will mitigate against potential additional scour downstream of the service spillway and reduce the associated dam safety risk associated with this critical infrastructure. This project aims to armor the plunge pool to increase the resistance to erosion and maintain the integrity of Milner Dam. Implementation of the project will realize increased resiliency to irrigation water supply above the dam, and hydropower, and public safety below the dam.

Figure 3: Plunge Pool Below the Service Spillway at Milner Dam.

Service Spillway Conceptual Plan and Design Features:

MDI is working with Jacobs Engineering Group (Jacobs) in Boise, Idaho to analyze and design an acceptable solution for the plunge pool. Figure 4 shows the original design of the service spillway at Milner Dam.

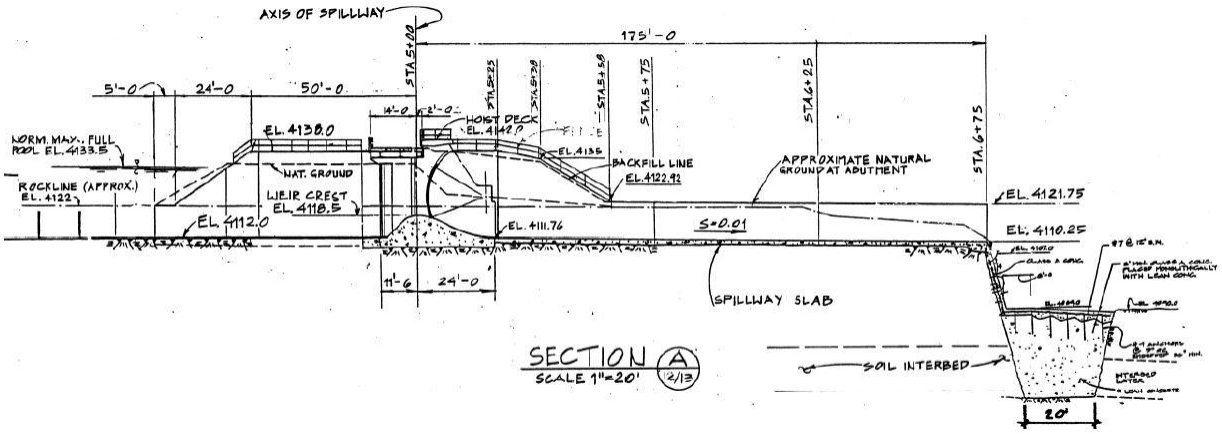
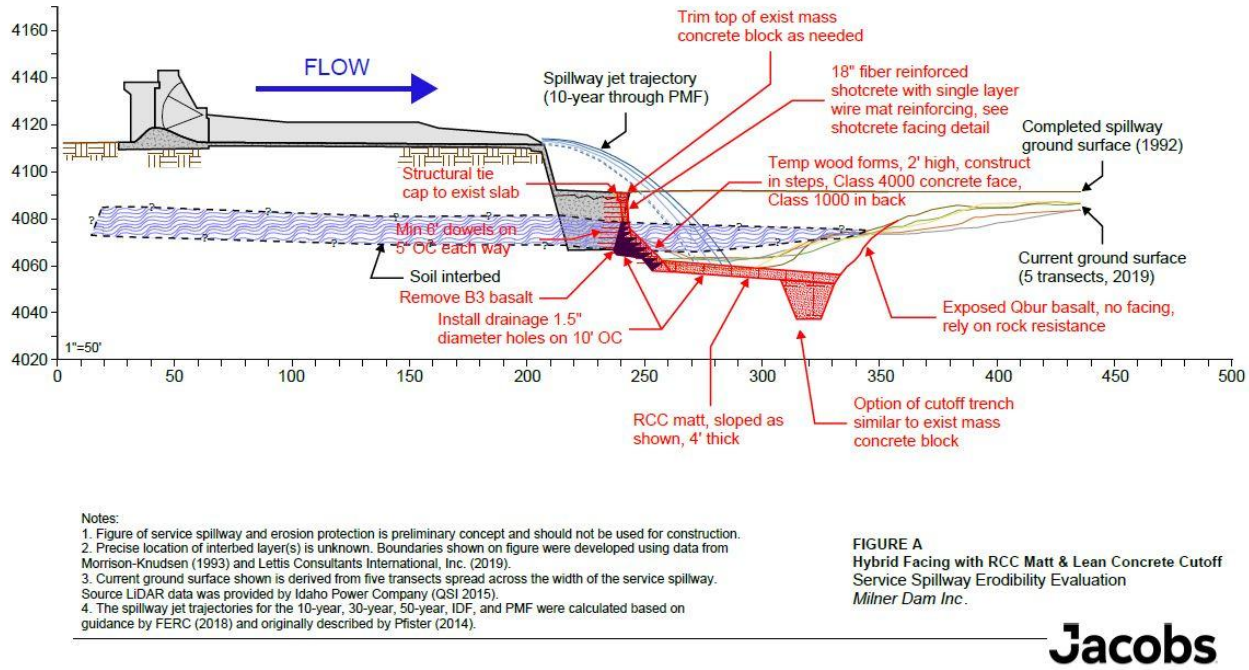


Figure 4: Original 1992 Drawing of the Service Spillway and Plunge Pool.

In consultation with Jacobs, several concepts have been developed, consisting of shotcrete or precast retaining walls and roller-compacted concrete (RCC) matts to provide a durable armor atop the lower-quality rock along the bottom of the plunge pool. Several potential orientations are shown in Figures 5 and 6. Flow over the service spillway chute and into the plunge pool is complex, and scour potential is multi-dimensional and dependent on a variety of factors and external conditions. Part of the funding from the grant will be used for engineering services to complete detailed hydraulic modeling and final design of a long-term durable solution for the

project.

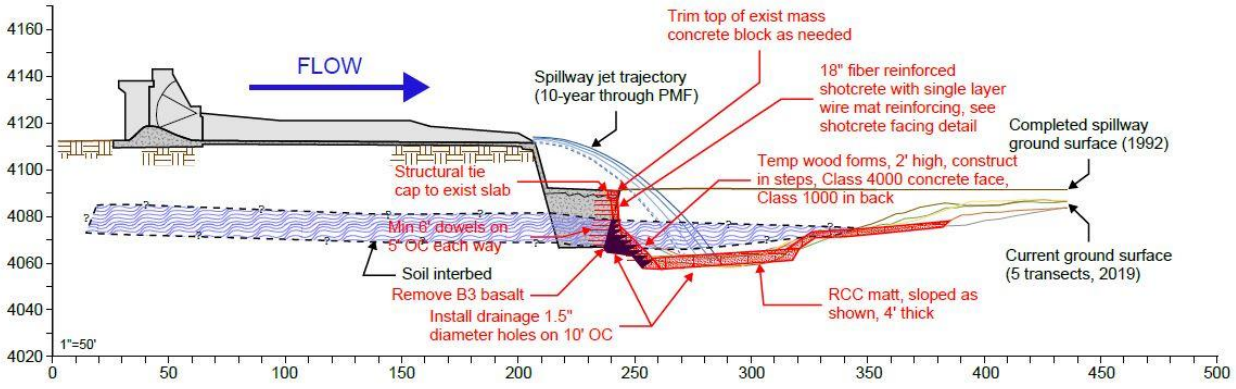


Notes:
1. Figure of service spillway and erosion protection is preliminary concept and should not be used for construction.
2. Precise location of interbed layer(s) is unknown. Boundaries shown on figure were developed using data from Morrison-Knudsen (1993) and Lettis Consultants International, Inc. (2019).
3. Current ground surface shown is derived from five transects spread across the width of the service spillway. Source LiDAR data was provided by Idaho Power Company (QSI 2015).
4. The spillway jet trajectories for the 10-year, 30-year, 50-year, IDF, and PMF were calculated based on guidance by FERC (2018) and originally described by Pfister (2014).

FIGURE A
Hybrid Facing with RCC Matt & Lean Concrete Cutoff
Service Spillway Erodibility Evaluation
Milner Dam Inc.

Jacobs

Figure 5: Plunge Pool with Downslope RCC Matt and Potential Cutoff Trench.



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3. Current ground surface shown is derived from five transects spread across the width of the service spillway. Source LiDAR data was provided by Idaho Power Company (QSI 2015).
4. The spillway jet trajectories for the 10-year, 30-year, 50-year, IDF, and PMF were calculated based on guidance by FERC (2018) and originally described by Pfister (2014).

FIGURE B
Hybrid Facing with Upslope RCC Matt
Service Spillway Erodibility Evaluation
Milner Dam Inc.

Jacobs

Figure 6: Plunge Pool with Upslope RCC Matt.

Emergency Spillway Bridge Decking and Supports

The current emergency spillway was part of the original construction of Milner Dam in 1903 and served as the primary spillway until the 1990's construction of the service spillway. In the 1940's the "emergency" spillway apron was reconstructed, and slight modifications occurred to the bridge crossing.

In the early 1990's Idaho Power and MDI constructed a new service spillway as the primary spillway for the dam. The emergency spillway is now only used in cases of "emergency" flood management. The following photographs (figure 7) show one of the bridge deck repairs and the concrete piers the current bridge decking rests upon. In 2019, MDI hired JUB Engineers to help design a new bridge deck for the emergency spillway. The new design would install a new steel bridge planks and help repair the concrete piers. MDI and JUB continue to modify the design to help support the load rating and help mitigate against ice loading in the winter due to higher pool levels with aquifer recharge now being preformed during the non-irrigation season.

Figure 7: View of the Old Bridge Deck Rails at Milner Dam.

The following is a picture from under the bridge decking that shows the concrete piers and the old steel supports. This project would repair the concrete piers and replace the bridge decking, to better support the equipment used to help operate and maintain the Dam.

Figure 8: View of the Bridge Deck Rails at Milner Dam from Below.

Light equipment can access the dam via the emergency spillway, but MDI has limited any large loads from crossing the bridge. The Emergency Spillway Bridge Deck and Support project will allow MDI to service the dam from either the northside or southside with heavy equipment. This project will also help MDI repair the concrete piers that have been noted in previous safety inspection by FERC. This project aims to help continue to maintain the integrity of Milner Dam. Implementation of the project will realize increased resiliency to irrigation water supply, hydropower, and public safety.

MDI worked with JUB Engineers in 2019 to design a new bridge deck. Attachment B shows the design documents by JUB. It is anticipated that there might be some slight modifications to the design as we continue to move forward with the reconstruction of the bridge deck.

Concrete and Service Spillway Gates Repair

When the service spillway was constructed in 1992, portions of the north and middle dam embankments were removed, the foundation surface was cleaned down to good quality basalt, and any soil interbeds encountered were treated with filters and/or concrete before constructing the

new buttress embankment section on the downstream face of the old dam. The ogee weir and concrete on the downstream slab have started showing signs of hairline cracking and delamination. In the most recent, 2022 Part 12D Safety Inspection and the 2022 Service Spillway Radial Gate Inspection, both noted concrete repair items. The FERC and the Independent Consultant (IC) noted a need to rehabilitate the concrete in these specific areas. MDI has hired Jacobs Engineering to help facilitate a repair method for the concrete. Figure 9 shows one of the areas of concern for FERC and the IC. The Service Spillway Concrete Rehabilitation project will help mitigate against further hairline cracking and repair the delaminated areas. This project aims to repair the delamination to increase the resistance to any further sponge areas and maintain the integrity of Milner Dam. Implementation of the project will realize increased resiliency to irrigation water supply, hydropower, and public safety.

Figure 9: Service Spillway at Milner Dam Area of Delamination and Hairline Cracks.

<u>Conceptual Plan and Design Features of the Concrete Repair</u>:

MDI is working with Jacobs Engineering Group (Jacobs) in Boise, Idaho to analyze and design an acceptable solution for the concrete delamination and hairline cracking. Figure 10 shows the original design of the service spillway at Milner Dam.

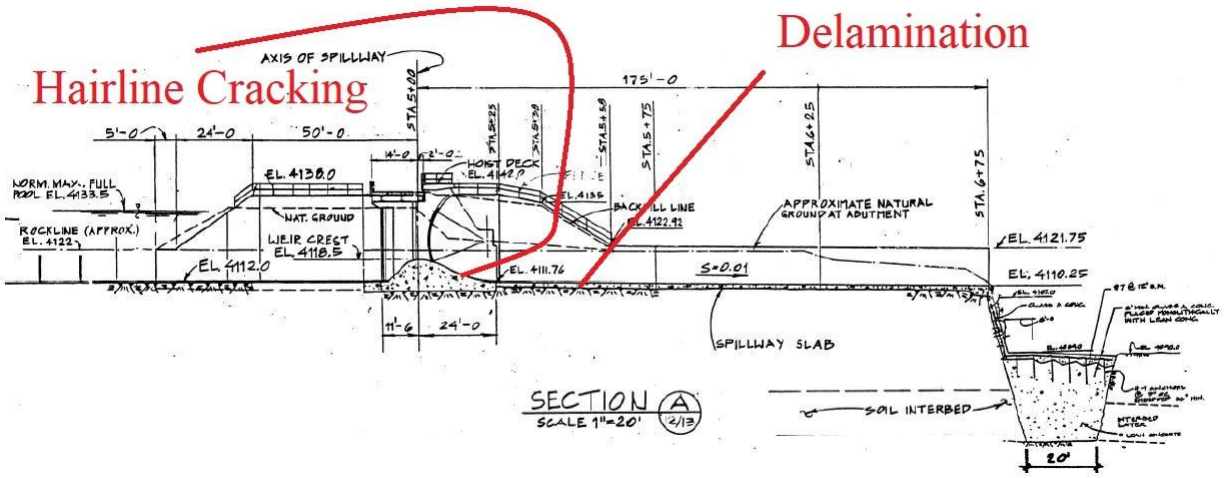

Figure 10: Original 1992 Drawing of the Service Spillway.

In consultation with Jacobs, MDI is working on a solution to rehabilitate these areas. MDI owners and operates the dam. The Federal Government owns the land the dam sites on. MDI will work with the Bureau of Land Management on issues related to Federal funding. MDI is not aware of any environmental issues pertaining to these projects.

5.0 Cost Estimate and Budget

MDI received a preliminary cost estimate from Jacobs Engineering in early 2022. Based on cost of material and availability of material the material cost index (MCI) predicated that there was a 36% increase in construction material from 2022 to 2025. Taking a conservative high range number, this project is estimated to cost $6,000,000.00. Attachment A has the original cost estimate provided to MDI by the engineer. However, constructions cost has increased over the years, and the final design is not completed. MDI and Jacobs will complete a engineers estimate as design is completed.

In 2019 MDI received two construction bids. Based on cost of material and availability of material the material cost index (MCI) predicated that there was a 36% increase in construction material from 2019 to 2025. Taking a conservative high range number, this project is estimated to cost $3,000,000. Attachment C has the original bids provided to MDI. MDI has some design changes, and JUB Engineers has been working on some concrete evaluations to help further design the final reconstruction.

MDI received a scope of work cost estimate from Jacobs Engineering in early 2023. Based on potential concrete repair factors and other acceptable repair practices, MDI has estimated the cost of the Service Spillway Concrete Rehabilitation project to be $65,000.00. Attachment D has the original cost estimate provided by MDI.

6.0 Project Funding Sources

Project Funding Sources

Milner Dam Inc. continues to look for help in funding this rehabilitation project. MDI has been working to secure funding help from our Federal Delegation through an amendment to the Infrastructure Act, addressing the eligibility of Carey Act project rehabilitation. MDI has also been working with the Idaho Department of Water Resources to help secure funding for these projects. Having the ability to use Federal, State, and MDI funds, MDI is hopeful this project will continue through completion. This project is proposed to be funded with both private (MDI) and public (IDWR and Federal) funds. MDI is actively seeking Federal funds through grants or direct appropriations to help assist with funding this project.

7.0 Financial Feasibility Analysis

MDI anticipates this project will take 5 years to complete once the design and FERC approvals have been given. MDI is working with Jacobs Engineering and JUB Engineers to further refine the timeframe for these projects. It is anticipated this will take 18 months to design. Once the design is completed and submitted for approval by the Federal Energy Regulatory Commission (FERC), MDI anticipates this will take another 18 months. Once approval is received, MDI will select a construction firm to complete the project within a 24-month time period. There will be further conversations with the IDWR Board and staff as construction continues to share the project schedule and any situations with water management during construction.

Attachment A – Budget Proposal

TASK ORDER NO. MILNER-03 – SERVICE SPILLWAY EROSION EVALUATION AND FERC COORDINATION

MILNER DAM, INC.

ESTIMATE OF PROBABLE COST – SERVICE SPILLWAY EROSION PROTECTION
RECOMMENDED ALTERNATIVE – SHOTCRETE HYBRID WITH RCC MATT

Item (Major cost elements)	Unit	Unit Cost	Quantity	Extended Total Cost	Remarks
DIRECT COSTS					
GENERAL REQUIREMENTS					
Scaffold or Elevated Work Platform	MO	$15,000	4	$60,000	Allowance
SUBTOTAL – GENERAL REQUIREMENTS				*$ 60,000*	
EXISTING CONDITIONS					
Trim Existing Mass Concrete Block as Needed	SF	$6	4,485	$27,000	Excavator(s) with Hydraulic Hammer
Haul and Disposal of Demolished Materials	CY	$75	500	$38,000	
SUBTOTAL – EXISTING CONDITIONS				*$ 65,000*	
CONCRETE WORK					
Welded wire fabric, sheets, 6 x 6 - W2.1 x W2.1 (8 x 8) 30 lb. per C.S.F.	CSF	$166	45	$7,500	Includes labor, excludes material for accessories
Shotcrete, wet mix, fiber reinforced, 4000 psi	CY	$185	362	$67,000	
Drill and Epoxy Set Rock Dowels	EA	$105	414	$43,000	
Miscellaneous Items for Shotcrete	LS	$28,000	1	$28,000	Allowance
Temporary Wood Forms	LS	$12,500	1	$12,500	
Pump Place 4000 psi Concrete in 24" Thick Lifts	CY	$160	2,473	$400,000	
Miscellaneous Items for Face Concrete	LS	$33,000	1	$33,000	Allowance
Excavating, bulk bank measure, 1 C.Y. capacity, crawler mounted hydraulic backhoe	CY	$3	1,750	$5,300	Excluding truck loading
Load Excavated Material for Haul Off	CY	$2.50	1,750	$4,400	
Haul off Excavated Spoils	CY	$8	1,750	$14,000	
Pump Place Lean Concrete Cutoff Block	CY	$65	1,750	$115,000	
Miscellaneous Items for Lean Concrete Block	LS	$30,000	1	$30,000	Allowance
Roller compacted concrete, mass placement, non-formed sloped face, 6" lift	CY	$9	2,044	$18,500	Includes spread and compact, excludes material
Roller compacted concrete, conveyance of materials, with 17 C.Y. scraper	CY	$9	2,044	$18,500	
Roller compacted concrete, water cure, large job, more than 500 C.Y.	LS	$12,000	1	$12,000	20 minute cycle, excludes material
Roller compacted concrete, 1.5" - 2" agg., 200 lb. cement/C.Y.	CY	$110	2,044	$220,000	
Miscellaneous Items for Roller compacted concrete	LS	$65,000	1	$65,000	Allowance
Compaction, riding, vibrating roller, 3 passes, 12" lifts	CY	$6	2,044	$12,500	
SUBTOTAL – CONCRETE WORK				*$ 1,106,200*	
EARTHWORK					
Mass Excavation Miscellaneous Items	LS	$10,000	1	$10,000	Allowance
Excavating, bulk bank measure, 1 C.Y. capacity, backhoe, hydraulic, crawler mounted	CY	$3	4,639	$14,000	Excluding truck loading
Load Excavated Material for Haul Off	CY	$2.50	4,639	$11,500	
Haul off Excavated Spoils	CY	$8	4,639	$37,000	
Minor Earthworks as Needed	LS	$70,000	1	$70,000	Allowance
Removal and Control of Water	MO	$25,000	6	$150,000	Allowance
SUBTOTAL – EARTHWORK				*$ 292,500*	
ENGINEERING, DESIGN, OTHER TASKS, CONTRACTOR CONSTRUCTION ADMINISTRATION AND OVERHEAD/PROFIT					
Engineering and Design	%	$1,523,700	15%	$230,000	
Surveying and Material Testing	%	$1,523,700	2%	$30,000	
Services During Construction	%	$1,523,700	5%	$76,000	
Construction Contingency	%	$1,523,700	20%	$300,000	
General Conditions	%	$1,523,700	6%	$91,000	
Mobilization/Demobilization	%	$1,523,700	4%	$61,000	
Contractor Overhead & Profit	%	$1,523,700	15%	$230,000	
Bonds & Insurance	%	$1,523,700	2%	$30,000	
SUBTOTAL – ENGINEERING, DESIGN, OTHER TASKS, CONTRACTOR CONSTRUCTION ADMINISTRATION AND OVERHEAD/PROFIT				*$ 1,048,000*	
TOTAL – PROJECT CAPITAL COSTS (CLASS 4/5 ESTIMATE)				***$ 2,571,700***	
LOW RANGE			***-30%***	***$ 1,800,000***	
HIGH RANGE			***+50%***	***$ 3,900,000***	

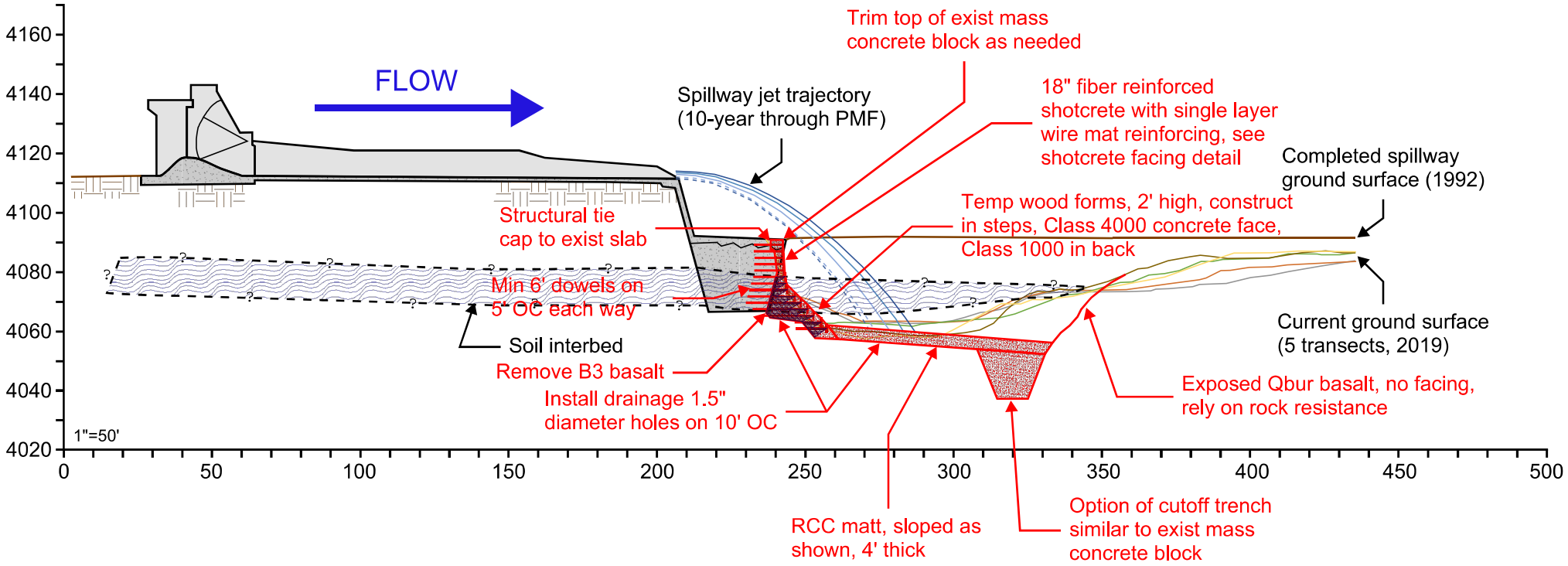

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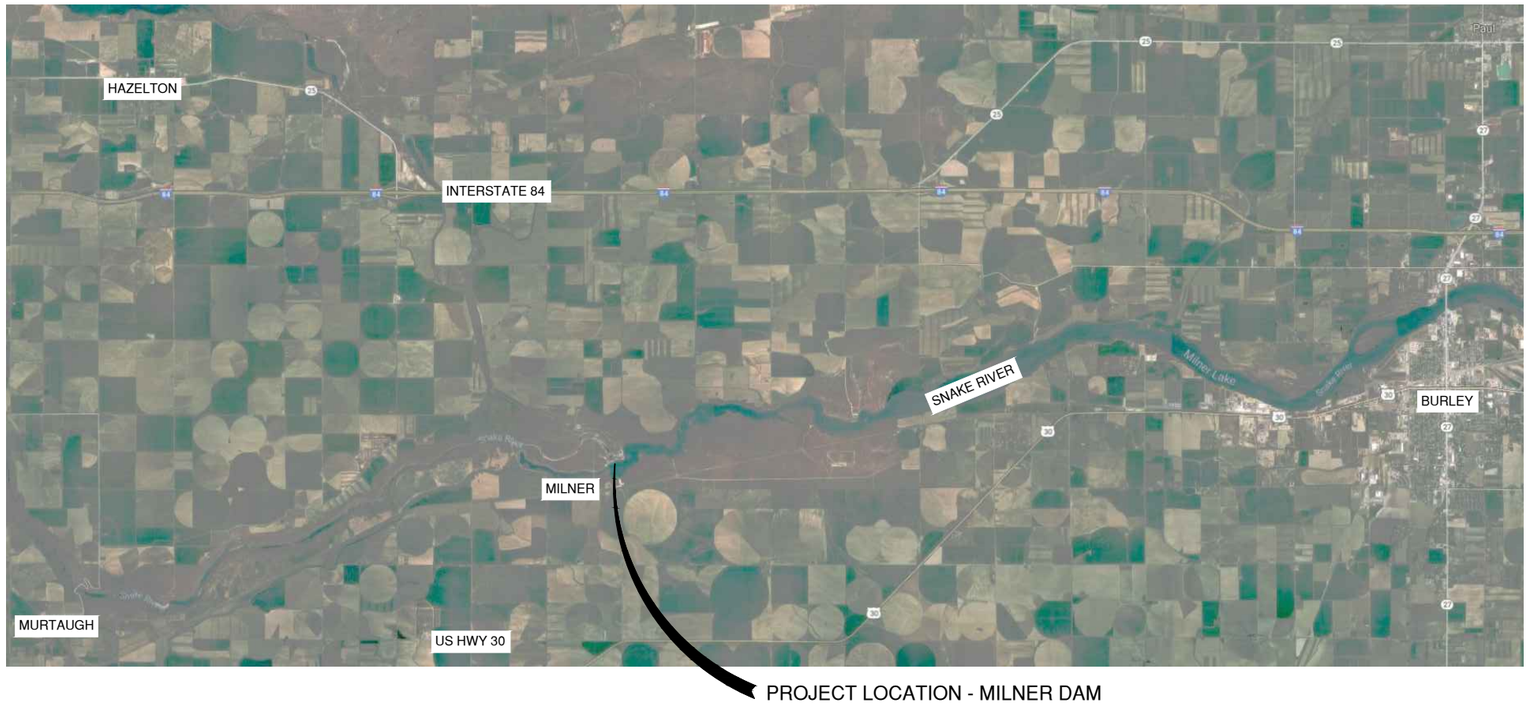
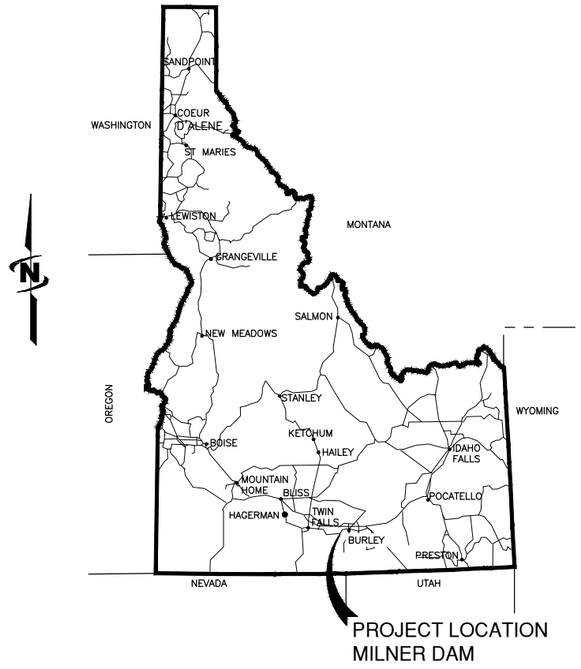
FIGURE A
Recommended Alternative – Shotcrete Hybrid with RCC Matt
Service Spillway Erodibility Evaluation
Milner Dam Inc.

Attachment B – Design Documents

2019
MILNER DAM, INC.
EMERGENCY SPILLWAY BRIDGE DECK REPLACEMENT





OWNER

MILNER DAM, INC.
P.O. BOX 326
TWIN FALLS, IDAHO 83338
TELEPHONE: 208-324-2319

ENGINEER

J-U-B ENGINEERS, INC
115 NORTHSTAR AVENUE
TWIN FALLS, IDAHO 83301
TELEPHONE (208) 733-2414

SHEET LIST

SHEET NO.	SHEET TITLE	DESCRIPTION
1	G-001	COVER SHEET
2	C-101	SITE LAYOUT AND NOTES
3	C-102	BRIDGE PLAN AND ELEVATION
4	C-103	BRIDGE FRAMING PLAN AND SECTION
5	C-501	BRIDGE DETAILS
6	C-502	BRIDGE DETAILS
7	C-503	BRIDGE DETAILS
8	C-504	CONCRETE REPAIR DETAILS

811 Know what's below. Call before you dig.

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Twin Falls, ID 83301
Phone: 208.733.2414
www.jub.com

ORIGINAL SIGNED BY:
GEORGE M. ANDERSON

PROFESSIONAL ENGINEER REGISTERED 6022 2-12-19 STATE OF IDAHO GEORGE M. ANDERSON

ON FILE AT
J-U-B ENGINEERS, INC.
TWIN FALLS, IDAHO

NO.	DESCRIPTION	BY	APPR.	DATE
	REVISION			

2019 MILNER DAM, INC. - EMERGENCY SPILLWAY BRIDGE DECK REPLACEMNET

COVER SHEET
BID SET

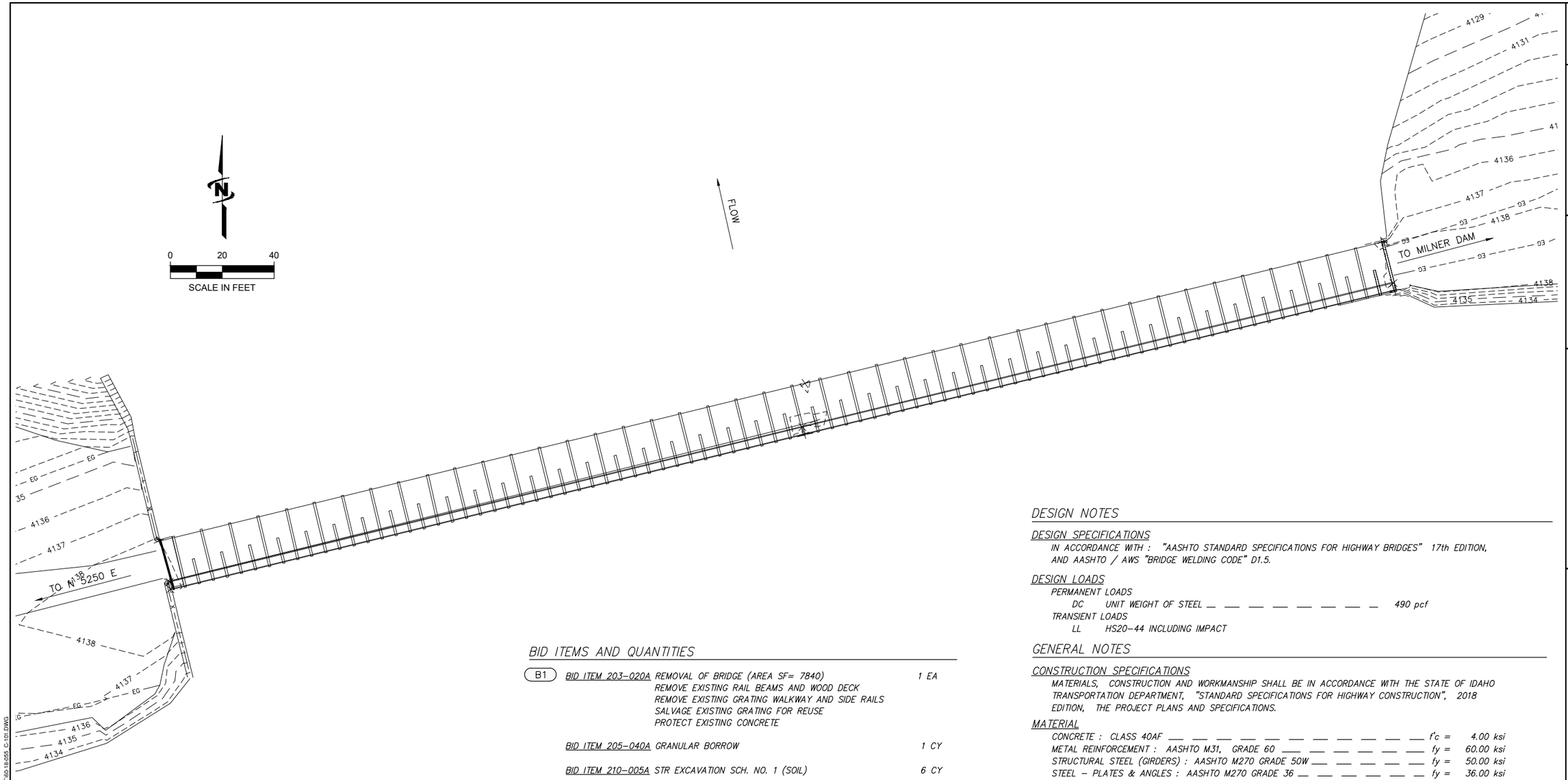
FILE : 60-18-055_G-001
JUB PROJ. # : 60-18-055
DRAWN BY: KCK
DESIGN BY: GMA
CHECKED BY: TAA

ONE INCH
AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY

LAST UPDATED: 2/6/2019

SHEET 1
TITLE G-001

Plot Date:2/11/2019 1:24 PM Plotted By: Kerry Kirchenwitz
Date Created:7/11/2018 F:\PROJECTS\JUB\60-18-055 MILNER DAM-2018 BRIDGE DECK REPLACEMENT\CAD\SHEET\60-18-055_G-001.DWG



GENERAL NOTES

1. CONTRACTOR SHALL MAINTAIN THE FUSE PLUG GRAVEL BETWEEN THE CONCRETE PIERS IN ITS CURRENT POSITION (HEIGHT AND CONFIGURATION). AT COMPLETION OF THE PROJECT THE GRAVEL SHALL BE FINE GRADED AND RESTORED TO PRE-CONSTRUCTION POSITION.

2. CONTRACTOR SHALL NOTE THAT THE EXISTING BRIDGE IS POSTED FOR MAXIMUM VEHICLE LOADS:
   - MAX WHEEL LOAD – 4,000 LBS
   - MAX AXLE LOAD – 8,000 LBS
   - MAX VEHICLE LOAD – 10,000 LBS

THESE LOAD LIMITS ARE TO BE MET IN THE USE OF THE EXISTING BRIDGE.

BID ITEMS AND QUANTITIES

B1	BID ITEM 203-020A	REMOVAL OF BRIDGE (AREA SF= 7840) REMOVE EXISTING RAIL BEAMS AND WOOD DECK REMOVE EXISTING GRATING WALKWAY AND SIDE RAILS SALVAGE EXISTING GRATING FOR REUSE PROTECT EXISTING CONCRETE	1 EA
	BID ITEM 205-040A	GRANULAR BORROW	1 CY
	BID ITEM 210-005A	STR EXCAVATION SCH. NO. 1 (SOIL)	6 CY
	BID ITEM 210-015A	COMPACTING BACKFILL	1 CY
B2	BID ITEM 502-140A	CONC CL 40-A SCH NO. 1	6 CY
B3	BID ITEM 503-010A	METAL REINF SCH NO. 1	1506 LB
B4	BID ITEM 503-020A	EPOXY COATED METAL REINF	240 LB
B5	BID ITEM 504-005A	STEEL BRIDGE (APPROX. WT) {LBS= 56800.22}	1 LS
B6	BID ITEM 504-035A	PEDESTRIAN RAILING	490 FT
B7	BID ITEM S501-20A	SP BRIDGE (REPAIR CONCRETE PIER WALL TOPS)	44 EA
B8	BID ITEM S501-30A	SP BRIDGE (COAT EXPOSED REBAR AND STEEL)	46 FT
B9	BID ITEM S501-30B	SP BRIDGE (STEEL CURB)	980 FT
B10	BID ITEM S501-51A	SP BRIDGE (PATCH AND REPAIR OF CONCRETE SURFACE)	56 SF
B11	BID ITEM S501-51B	SP BRIDGE (9 GA STEEL BRIDGE PLANKS)	7840 SF
B12	BID ITEM S501-51C	SP BRIDGE (DECK RUNNER)	2940 SF

DESIGN NOTES

DESIGN SPECIFICATIONS

IN ACCORDANCE WITH : "AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" 17th EDITION, AND AASHTO / AWS "BRIDGE WELDING CODE" D1.5.

DESIGN LOADS

PERMANENT LOADS

DC UNIT WEIGHT OF STEEL _ _ _ _ _ _ _ _ _ _ 490 pcf

TRANSIENT LOADS

LL HS20-44 INCLUDING IMPACT

GENERAL NOTES

CONSTRUCTION SPECIFICATIONS

MATERIALS, CONSTRUCTION AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE STATE OF IDAHO TRANSPORTATION DEPARTMENT, "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION", 2018 EDITION, THE PROJECT PLANS AND SPECIFICATIONS.

MATERIAL

CONCRETE : CLASS 40AF _ _ _ _ _ _ _ _ _ _ _ _ f'c = 4.00 ksi
METAL REINFORCEMENT : AASHTO M31, GRADE 60 _ _ _ _ _ _ _ fy = 60.00 ksi
STRUCTURAL STEEL (GIRDERS) : AASHTO M270 GRADE 50W _ _ _ _ _ _ _ fy = 50.00 ksi
STEEL – PLATES & ANGLES : AASHTO M270 GRADE 36 _ _ _ _ _ _ _ fy = 36.00 ksi
STEEL – CURBS : ASTM A500 GRADE B _ _ _ _ _ _ _ _ _ fy = 46.00 ksi
STEEL – PED RAILS : ASTM A53 GRADE B _ _ _ _ _ _ _ _ _ fy = 35.00 ksi
BASE METAL & WELD METAL CHARPY V-NOTCH REQUIREMENT SHALL MEET ZONE 2 FOR GIRDERS.
HIGH STRENGTH BOLTS : ASTM F3125 GRADE A325 TYPE 3
CARBON STEEL BOLTS : ASTM A307

PLAN DIMENSIONS AND ELEVATIONS

ALL EXPOSED EDGES OF CONCRETE SHALL BE BEVELED 1/2" UNLESS NOTED OTHERWISE.
ALL DIMENSIONS TO REINFORCING STEEL ARE TO CENTERLINE OF BAR UNLESS NOTED OTHERWISE.
CONCRETE COVER MEASURED FROM THE FACE OF THE CONCRETE TO THE FACE OF ANY REINFORCING BAR SHALL BE 2", UNLESS SHOWN OTHERWISE ON THE DRAWINGS.

CONSTRUCTION

CONCRETE SUBSTRUCTURES WILL BE RETAINED AND PROTECTED UNLESS NOTED OTHERWISE.
CONSTRUCTION JOINTS WILL BE PERMITTED ONLY AT THE LOCATIONS SHOWN ON THE PLANS OR AS APPROVED BY THE ENGINEER.
WELDED FABRICATION SHALL BE IN ACCORDANCE WITH ANSI/AASHTO/AWS D 1.5 AND ALL INTERIM REVISIONS PUBLISHED BY AASHTO.
GALVANIZE STEEL MATERIAL IN CONFORMANCE WITH ASTM A-123 & A-385.
GALVANIZE BOLTS, ANCHORS, NUTS AND WASHERS IN CONFORMANCE WITH ASTM A-153.
ALL ELEVATIONS ARE BASED ON PROJECT DATUM.

INCIDENTAL ITEMS

ALL ITEMS SHOWN OR NOTED ON PLANS WHICH ARE NOT SPECIFICALLY BID ITEMS ARE CONSIDERED INCIDENTAL ITEMS. THE COST OF FURNISHING AND INSTALLING ALL INCIDENTAL ITEMS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS, UNLESS NOTED OTHERWISE.

J-U-B ENGINEERS, INC.
J-U-B ENGINEERS, INC.
115 Northstar Ave.
Twin Falls, ID 83301
Phone: 208.733.2414
www.jub.com

ORIGINAL SIGNED BY:
GEORGE M. ANDERSON

PROFESSIONAL ENGINEER REGISTERED 6022 2-12-19 STATE OF IDAHO GEORGE M. ANDERSON

ON FILE AT
J-U-B ENGINEERS, INC.
TWIN FALLS, IDAHO

NO.	DESCRIPTION	BY	APPR.	DATE
	REVISION			

2019 MILNER DAM, INC. - EMERGENCY SPILLWAY BRIDGE DECK REPLACEMNET

SITE LAYOUT AND NOTES
BID SET

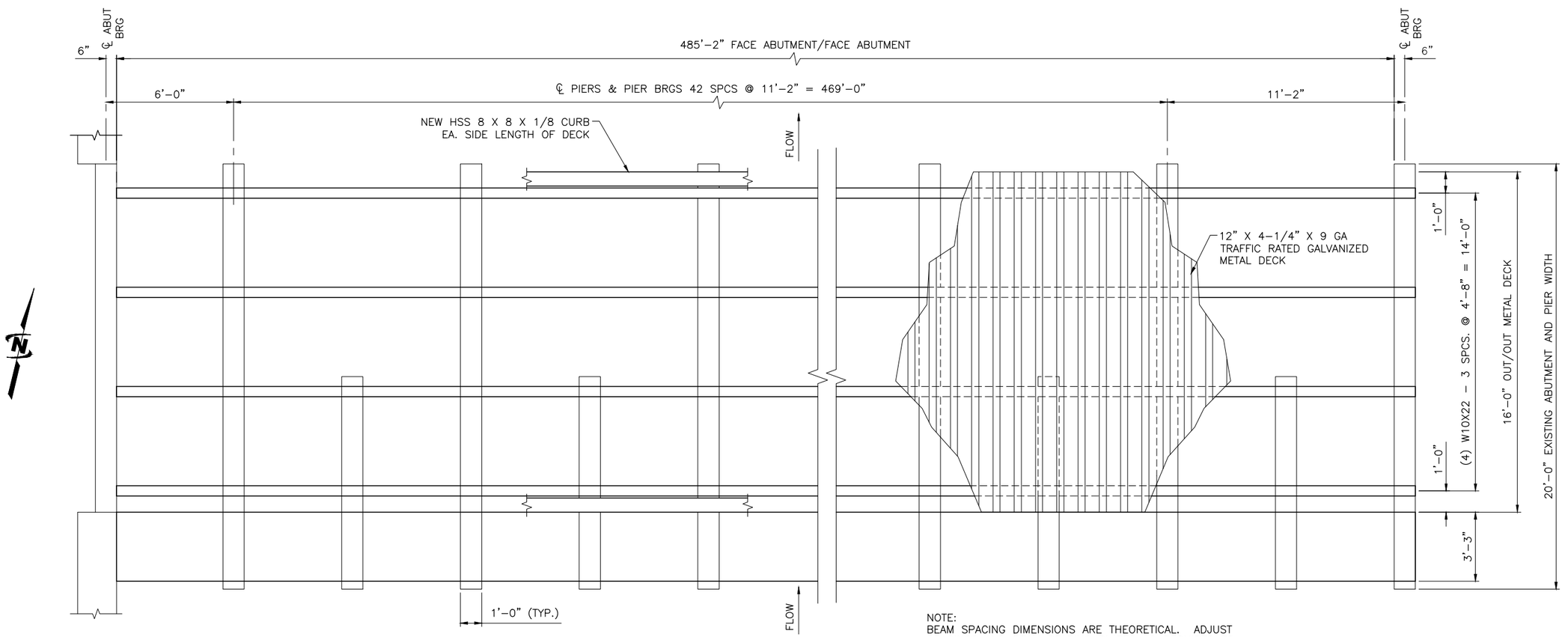
FILE : 60-18-055_C-101
JUB PROJ. # : 60-18-055
DRAWN BY: KCK
DESIGN BY: GMA
CHECKED BY: TAA

ONE INCH
AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY

LAST UPDATED: 2/7/2019

SHEET 2
TITLE C-101

Plot Date:2/11/2019 1:25 PM, Plotted By: Kerry Kientzwitz
Date Created:7/24/2018 F:\PROJECTS\JUB\60-18-055 MILNER DAM-2018 BRIDGE DECK REPLACEMENT\CAD\SHEET\60-18-055_C-101.DWG

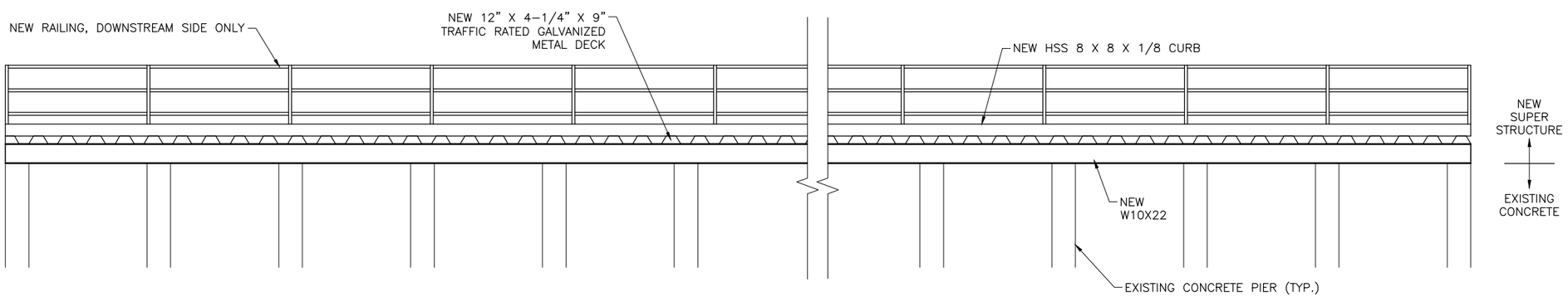


NOTE:
BEAM SPACING DIMENSIONS ARE THEORETICAL. ADJUST SPACINGS AND BEAM BEARING PLATES AS REQUIRED TO ACCOMMODATE LAPPING OF BEAM WEBS OVER THE PIERS.

A BRIDGE PLAN VIEW

SCALE: 0 1'–6" 3'–0" 6'–0"

SCALE: 3/16"=1'–0"



B BRIDGE ELEVATION VIEW

SCALE: 0 1'–6" 3'–0" 6'–0"

SCALE: 3/16"=1'–0"

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GEORGE M. ANDERSON

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ON FILE AT
J-U-B ENGINEERS, INC.
TWIN FALLS, IDAHO

NO.	DESCRIPTION	BY	APP.	DATE
REVISION				

2019 MILNER DAM, INC. - EMERGENCY SPILLWAY
BRIDGE DECK REPLACEMNET

BRIDGE PLAN AND ELEVATION
BID SET

FILE :	60-18-055_C-102
JUB PROJ. # :	60-18-055
DRAWN BY:	KCK
DESIGN BY:	GMA
CHECKED BY:	TAA

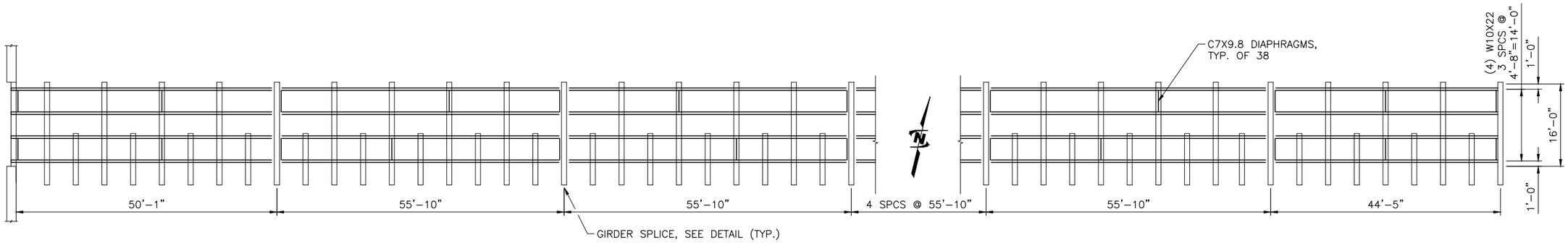
ONE INCH
AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY

LAST UPDATED: 2/6/2019

SHEET 3

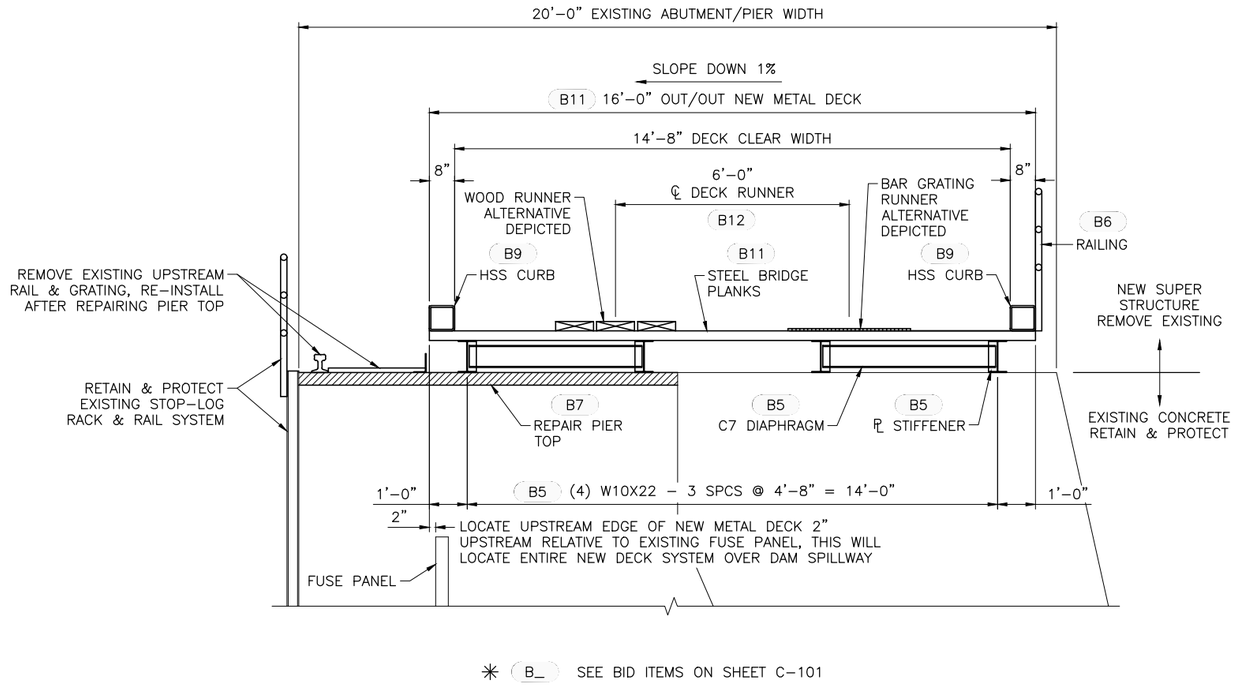
TITLE C-102

Plot Date:2/11/2019 1:26 PM, Plotted By: Kerry Kriechenwitz
Date Created:7/12/2018 F:\PROJECTS\J-U-B\60-18-055 MILNER DAM-2018 BRIDGE DECK REPLACEMENT\CAD\SHEET\60-18-055_C-102.DWG



A BRIDGE FRAMING PLAN

SCALE: N.T.S.



✳ B_ SEE BID ITEMS ON SHEET C-101

B BRIDGE SECTION VIEW

SCALE: 0 1' 2' 4'

SCALE: 1/4"=1'-0"

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PROFESSIONAL ENGINEER REGISTERED 6022 2-12-19 STATE OF IDAHO GEORGE M. ANDERSON

ON FILE AT
J-U-B ENGINEERS, INC.
TWIN FALLS, IDAHO

NO.	DESCRIPTION	BY	APP.	DATE
	REVISION			

2019 MILNER DAM, INC. - EMERGENCY SPILLWAY
BRIDGE DECK REPLACEMNET

BRIDGE FRAMING PLAN AND SECTION
BID SET

FILE : 60-18-055_C-103
JUB PROJ. # : 60-18-055
DRAWN BY: KCK
DESIGN BY: GMA
CHECKED BY: TAA

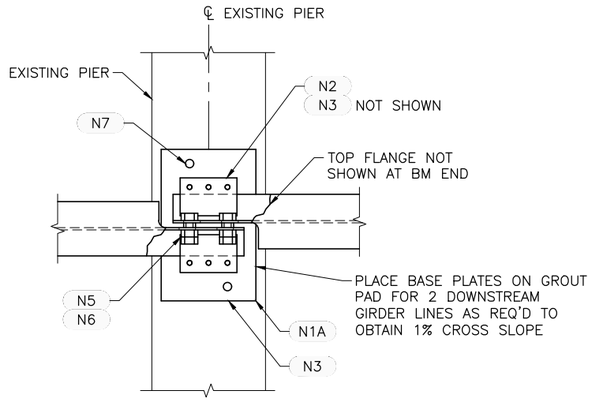
ONE INCH
AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY

LAST UPDATED: 2/7/2019

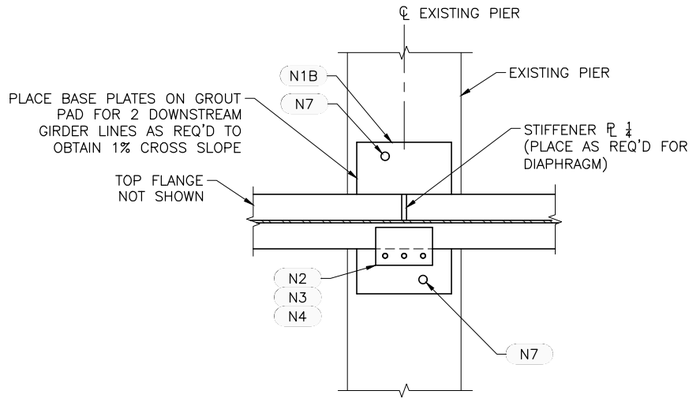
SHEET 4

TITLE C-103

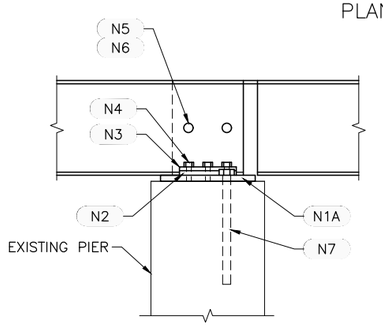
Plot Date:2/11/2019 1:27 PM Plotted By: Kerry Kirchenwitz
Date Created:7/24/2018 F:\PROJECTS\JUB\60-18-055 MILNER DAM-2018 BRIDGE DECK REPLACEMENT\CAD\SHEET\60-18-055_C-103.DWG



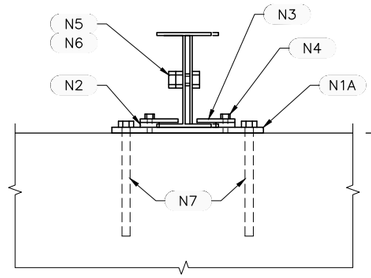
PLAN VIEW



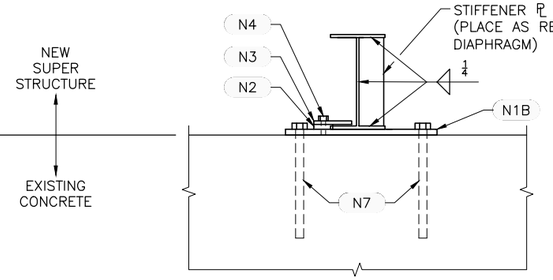
PLAN VIEW



SIDE VIEW



FRONT VIEW



FRONT VIEW

BEAM TO PIER DETAILS

BEAM TO PIER AT SPLICE DETAILS

KEY NOTES

(N1A) BASE PL AT SPLICE

(N1B) BASE PL TYP. AND AT ABUTMENT

(N2) GUIDE PL

(N3) RETAINER PL

(N4) (3) 1/2"ø HSB

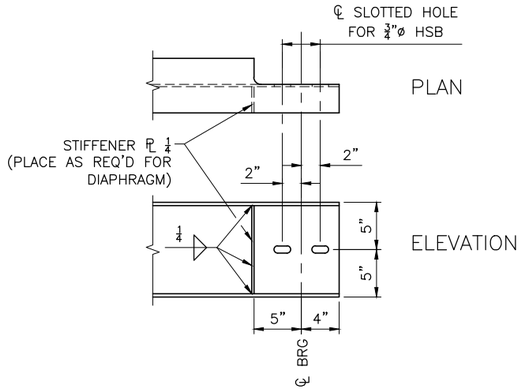
(N5) HARD FLAT WASHER (BETWEEN BM WEBS @ 3/4"ø HSB)

(N6) (2) 3/4"ø HSB W/ DBL NUT, FINGER TIGHTEN FIRST NUT AGAINST BM WEB, TIGHTEN SECOND NUT

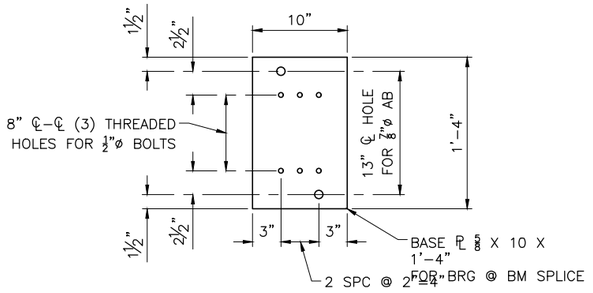
(N7) 7/8"ø AB, EMBED 10" TOTAL IN EPOXY & NEW CONCRETE

NOTES:

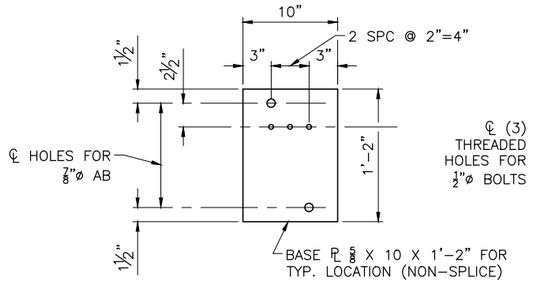
1. GREASE TOP OF BEARING PLATES UNDER BEAM FLANGES.
2. GREASE FLAT WASHERS BETWEEN BEAM WEBS.
3. ALL ITEMS ON THIS SHEET ARE BID ITEM B5, SEE SHEET C-101



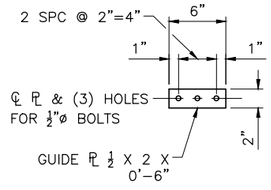
TYPICAL END DETAIL OF W10
(EXCEPT AT ABUTMENT)



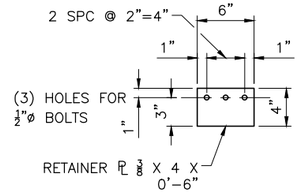
N1A: BASE PLATE



N1B: BASE PLATE



N2: GUIDE PLATE



N3: RETAINER PLATE

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J-U-B ENGINEERS, INC.
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Phone: 208.733.2414
www.jub.com

ORIGINAL SIGNED BY:
GEORGE M. ANDERSON
PROFESSIONAL ENGINEER REGISTERED 6022 2-12-19 STATE OF IDAHO GEORGE M. ANDERSON
ON FILE AT
J-U-B ENGINEERS, INC.
TWIN FALLS, IDAHO

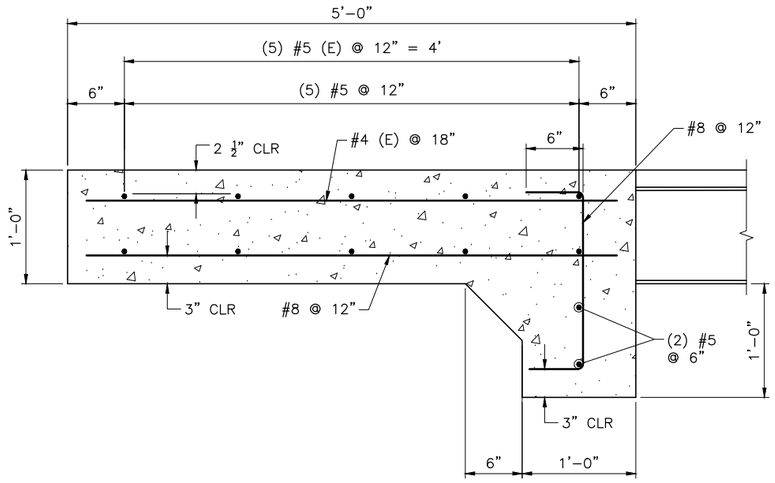
NO.	DESCRIPTION	BY	APPR.	DATE
	REVISION			

2019 MILNER DAM, INC. - EMERGENCY SPILLWAY
BRIDGE DECK REPLACEMNET

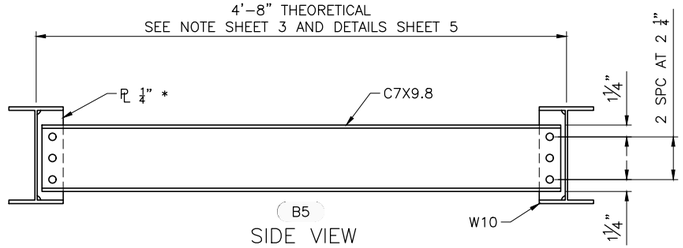
BRIDGE DETAILS
BID SET

FILE : 60-18-055_C-501
JUB PROJ. # : 60-18-055
DRAWN BY: KCK
DESIGN BY: GMA
CHECKED BY: TAA
ONE INCH
AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY
LAST UPDATED: 2/6/2019
SHEET 5
TITLE C-501

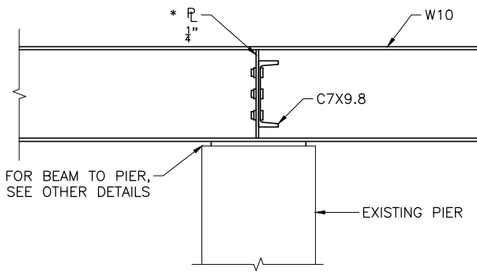
Plot Date:2/11/2019 1:28 PM, Plotted By: Kerry Kirchenwitz
Date Created:7/24/2018 F:\PROJECTS\UB\60-18-055 MILNER DAM-2018 BRIDGE DECK REPLACEMENT\CAD\SHEET\60-18-055_C-501.DWG



APPROACH SLAB



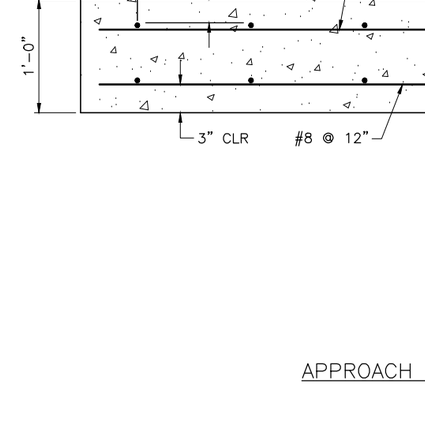
SIDE VIEW



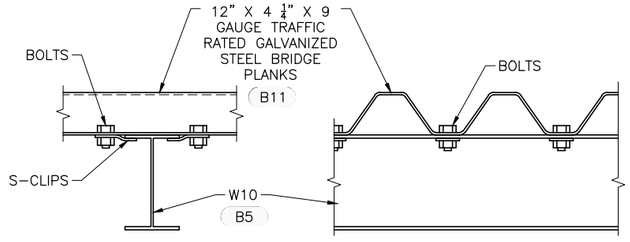
SECTION VIEW

* DIAPHRAGM IS BOLTED TO STIFFENER PLATE LOCATE STIFFENER PLATES AS REQUIRED FOR DIAPHRAGMS WHERE APPLICABLE.

✳ (B_) SEE BID ITEMS ON SHEET C–101



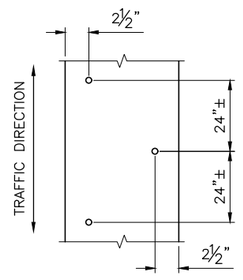
PLAN VIEW



FRONT VIEW SIDE VIEW

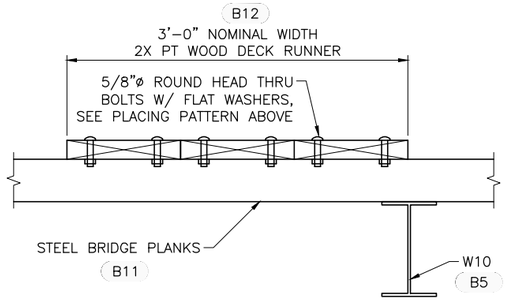
NOTE: DECK MANUFACTURER SHALL DESIGN AND SUPPLY THE BOLTED DECK TO BEAM SYSTEM IN GENERAL CONFORMANCE WITH THESE PLANS AND SPECIFICATIONS

DECK TO GIRDER CONNECTION DETAILS

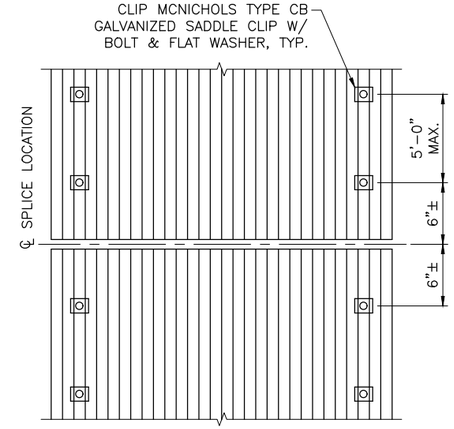


PLAN
BOLT PLACING PATTERN

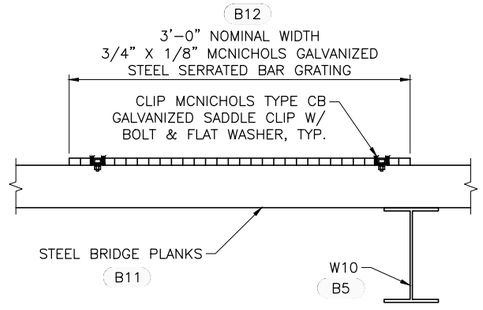
NOTE: ALL BOLTS THAT FASTEN TO WOOD SHALL BE GALVANIZED. THESE BOLTS MAY BE A–307 OR SIMILAR GRADE



RUNNER CONNECTION DETAIL



PLAN
BOLT PLACING PATTERN



RUNNER CONNECTION DETAIL

J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC.
115 Northstar Ave.
Twin Falls, ID 83301
Phone: 208.733.2414
www.jub.com

ORIGINAL SIGNED BY:
GEORGE M. ANDERSON

PROFESSIONAL ENGINEER REGISTERED 6022 2-12-19 STATE OF IDAHO GEORGE M. ANDERSON

ON FILE AT
J-U-B ENGINEERS, INC.
TWIN FALLS, IDAHO

NO.	DESCRIPTION	DATE	BY	APPR.
	REVISION			

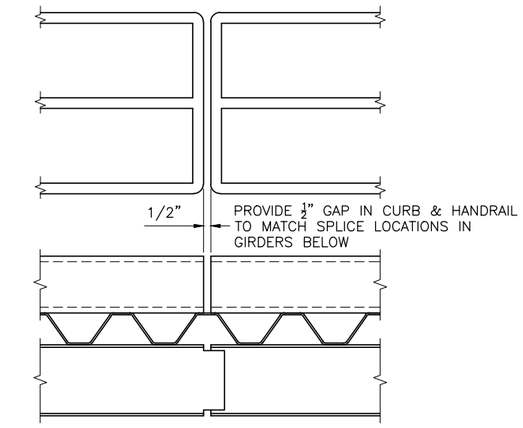
2019 MILNER DAM, INC. - EMERGENCY SPILLWAY
BRIDGE DECK REPLACEMNET

BRIDGE DETAILS
BID SET

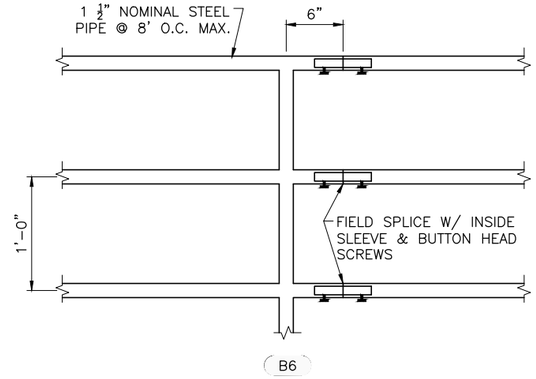
FILE: 60-18-055_C-502
JUB PROJ. # : 60-18-055
DRAWN BY: KCK
DESIGN BY: GMA
CHECKED BY: TAA
ONE INCH
AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY
LAST UPDATED: 2/6/2019

SHEET 6
TITLE C-502

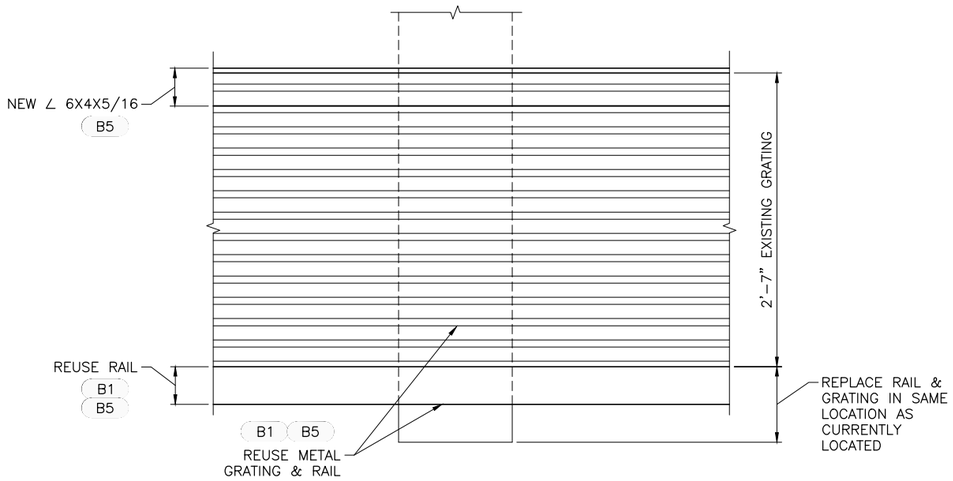
Plot Date:2/11/2019 1:29 PM Plotted By: Kerry Kientzmeitz
Date Created:7/24/2018 F:\PROJECTS\JUB\60-18-055 MILNER DAM-2018 BRIDGE DECK REPLACEMENT\CAD\SHEET\60-18-055_C-502.DWG



GAP DETAIL

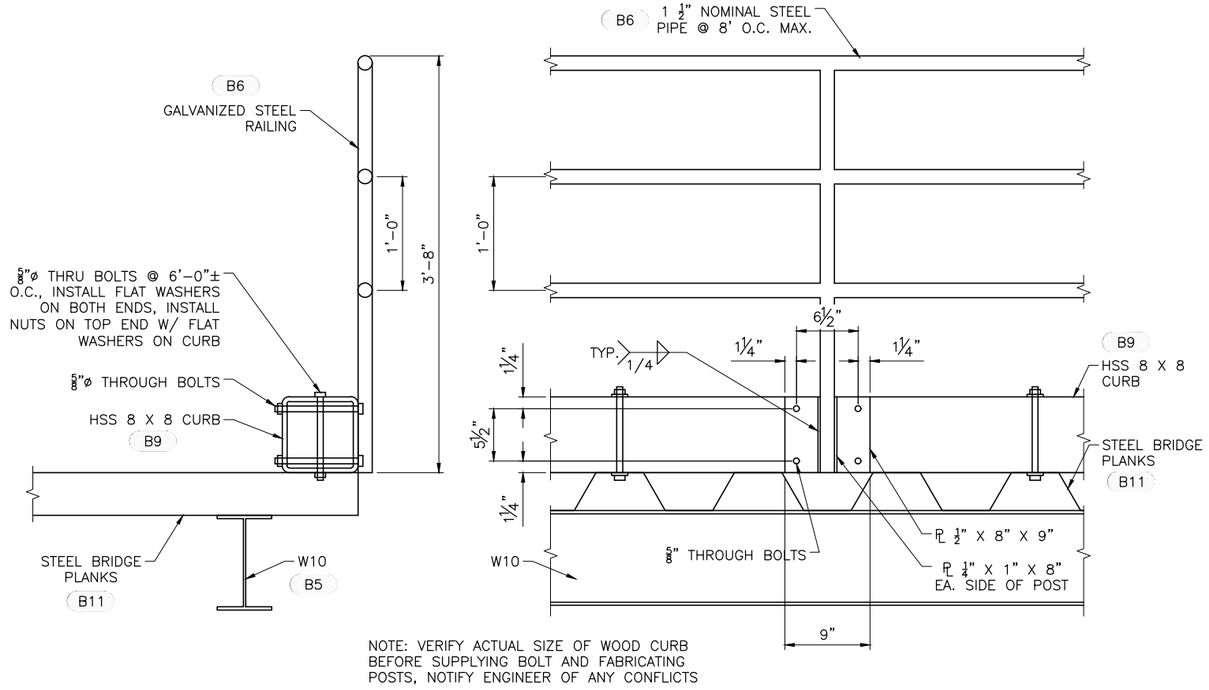


RAILING SPLICE DETAILS



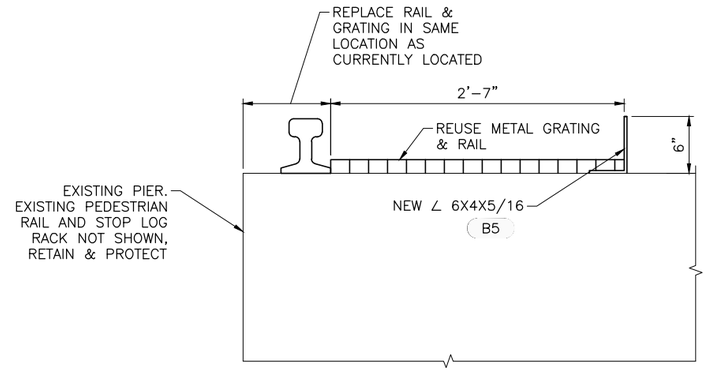
PLAN VIEW

✳ (B_) SEE BID ITEMS ON SHEET C-101



FRONT VIEW SIDE VIEW

CURBING AND DOWNSTREAM RAILING CONNECTION DETAILS



SECTION VIEW

(N6) (N5)

GENERAL NOTES FOR STEEL HAND RAIL FABRICATION, ANGLE KICK PLATE, & STEEL CURB

1. PROVIDE STEEL AS SPECIFIED IN THE GENERAL NOTES.
2. ALL WELDING TO CONFORM TO CURRENT AWS D1.1 REQUIREMENTS.
3. COMPLETE ASSEMBLY OR SUB-ASSEMBLIES, BRACKETS, RAILING AND MISCELLANEOUS STEEL PIECES SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION.
4. BOLTS, NUTS & WASHERS SHALL BE HOT-DIP GALVANIZED.
5. FASTEN GRATING, ANGLE, AND SALVAGED RAIL TO CONCRETE PIER USING EITHER CIP ANCHOR BOLTS OR EPOXY ANCHORS, AT CONTRACTORS OPTION. SUBMIT ANCHOR TYPE, NUMBER, AND SIZE FOR ENGINEER APPROVAL.
6. EXPANSION ANCHOR BOLTS, NUTS, & WASHERS SHALL BE STAINLESS STEEL.
7. REFER TO OTHER DETAILS FOR CONCRETE REINFORCING REQUIREMENTS.
8. COORDINATE REBAR PLACEMENT IN CONCRETE TO MISS ANCHOR BOLTS & INSERTS.
9. GALVANIZED AREAS THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED WITH A APPROVED COLD-GALVANIZING COMPOUND.
10. EPOXY SET ANCHORS SHALL UTILIZE HILTI HIT HY 150 CONSTRUCTION ADHESIVE AND HAS GALVANIZED OR STAINLESS STEEL THREADED RODS. INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
11. FIELD SPLICES SHALL BE MADE UTILIZING GALVANIZED STEEL PIPE SLEEVE INSERTS AND HOT-DIP GALVANIZED STEEL BOLTS, NUTS, AND WASHERS.

J-U-B ENGINEERS, INC.
J-U-B ENGINEERS, INC.
115 Northstar Ave.
Twin Falls, ID 83301
Phone: 208.733.2414
www.jub.com

ORIGINAL SIGNED BY:
GEORGE M. ANDERSON
PROFESSIONAL ENGINEER REGISTERED 6022 2-12-19 STATE OF IDAHO GEORGE M. ANDERSON
ON FILE AT J-U-B ENGINEERS, INC. TWIN FALLS, IDAHO

NO.	DESCRIPTION	DATE	BY	APPR.
	REVISION			

2019 MILNER DAM, INC. - EMERGENCY SPILLWAY
BRIDGE DECK REPLACEMNET

BRIDGE DETAILS
BID SET

FILE: 60-18-055 C-503
JUB PROJ. # : 60-18-055
DRAWN BY: KCK
DESIGN BY: GMA
CHECKED BY: TAA
ONE INCH
AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY
LAST UPDATED: 2/6/2019
SHEET 7
TITLE C-503

Plot Date:2/11/2019 1:30 PM Plotted By: Kerry Kientzmeitz
Date Created:7/17/2018 F:\PROJECTS\JUB\60-18-055 MILNER DAM-2018 BRIDGE DECK REPLACEMENT\CAD\SHEET\60-18-055_C-503.DWG

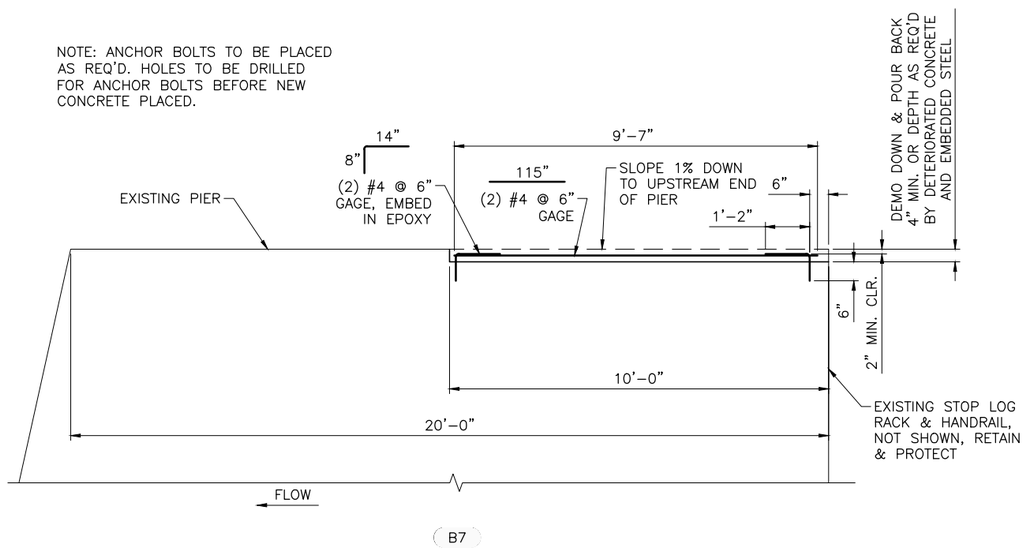
B8

TYPICAL VIEW OF REBAR TO BE COATED PER SPECIAL PROVISION S501–30A

B10

TYPICAL VIEW OF CONCRETE SURFACE TO BE REPAIRED PER SPECIAL PROVISION S501–51A

✳ B_ SEE BID ITEMS ON SHEET C–101



B7

EXISTING PIER REPAIR TO BE COMPLETED PER SPECIAL PROVISION S501–20A

STOP LOG RACK & HAND RAIL
(RETAIN & PROTECT)

J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC.
115 Northstar Ave.
Twin Falls, ID 83301
Phone: 208.733.2414
www.jub.com

ORIGINAL SIGNED BY:
GEORGE M. ANDERSON

PROFESSIONAL ENGINEER REGISTERED 6022 2-12-19 STATE OF IDAHO GEORGE M. ANDERSON

ON FILE AT
J-U-B ENGINEERS, INC.
TWIN FALLS, IDAHO

NO.	DESCRIPTION	BY	APPR.	DATE
REVISION				

2019 MILNER DAM, INC. - EMERGENCY SPILLWAY
BRIDGE DECK REPLACEMNET

CONCRETE REPAIR DETAILS
BID SET

FILE : 60-18-055_C-504
JUB PROJ. # : 60-18-055
DRAWN BY: KCK
DESIGN BY: GMA
CHECKED BY: TAA
ONE INCH
AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY
LAST UPDATED: 2/6/2019
SHEET 8
TITLE C-504

Plot Date:2/11/2019 1:31 PM Plotted By: Kerry Kirchenwitz
Date Created:7/25/2018 F:\PROJECTS\JUB\60-18-055 MILNER DAM-2018 BRIDGE DECK REPLACEMENT\CAD\SHEET\60-18-055_C-504.DWG

Attachment C – Bid Estimates in 2019

PROJECT: Milner Dam, Inc.
2019 Emergency Spillway Bridge Deck Replacement

ENGINEERS: J-U-B Engineers, Inc.
115 Northstar Ave.
Twin Falls, Idaho 83301

BID DATE: March 28, 2019

BID SCHEDULE - BASE BID				JC Constructors, Inc.		McAlvain Civil Constructors, Inc.	
PAY ITEM REF.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
203-020A	REMOVAL OF BRIDGE {AREA SF=7840}	1	EACH	$60,850.00	$60,850.00	$92,509.00	$92,509.00
205-040A	GRANULAR BORROW	1	CY	$2,300.00	$2,300.00	$694.71	$694.71
210-005A	STR EXCAVATION SCH NO. 1{SOIL}	6	CY	$550.00	$3,300.00	$308.76	$1,852.56
210-015A	COMPACTING BACKFILL	1	CY	$1,670.00	$1,670.00	$617.51	$617.51
502-140A	CONC CL 40-A SCH NO.1	6	CY	$2,340.00	$14,040.00	$1,260.00	$7,560.00
503-010A	METAL REINF SCH NO. 1	1,506	LB	$5.00	$7,530.00	$4.58	$6,897.48
503-020A	EPOXY COATED METAL REINF	240	LB	$8.00	$1,920.00	$4.63	$1,111.20
504-005A	STL BRIDGE (APPROX WT){LBS=56,800}	1	LS	$220,000.00	$220,000.00	$306,346.00	$306,346.00
504-035A	PEDESTRIAN RAILING	490	FT	$175.00	$85,750.00	$245.94	$120,510.60
S501-20A	SP BRIDGE {REPAIR CONCRETE PIER WALL TOPS}	86	EACH	$1,400.00	$120,400.00	$3,360.42	$288,996.12
S501-30A	SP BRIDGE {COAT EXPOSED REBAR AND STEEL}	46	FT	$100.00	$4,600.00	$183.89	$8,458.94
S501-30B	SP BRIDGE {WOOD CURB}	980	FT	$50.00	$49,000.00	$153.36	$150,292.80
S501-51A	SP BRIDGE {PATCH AND REPAIR OF CONCRETE SURFACE}	56	SF	$105.00	$5,880.00	$162.10	$9,077.60
S501-51B	SP BRIDGE {9 GA STEEL BRIDGE PLANKS} (BOLTED)	7,840	SF	$33.00	$258,720.00	$23.99	$188,081.60
S501-51C	SP BRIDGE {WOOD DECK RUNNER} (BAR GRATING)	2,940	SF	$18.00	$52,920.00	$13.97	$41,071.80
Z629-05A	MOBILIZATION	1	LS	$32,000.00	$32,000.00	$16,939.02	$16,939.02
	Total Bid Schedule - Base Bid:				$920,880.00		$1,241,016.94

BID SCHEDULE - ALTERNATIVE BID ITEM(S)				JC Constructors, Inc.		McAlvain Civil Constructors, Inc.	
PAY ITEM REF.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
S501-51B	SP BRIDGE {9 GA STEEL BRIDGE PLANKS} (WELD/FASTEN)	7,840	SF	$26.00	$203,840.00	$17.69	$138,689.60
S501-51C	SP BRIDGE {WOOD DECK RUNNER} (WOOD)	2,940	SF	$16.00	$47,040.00	$15.12	$44,452.80

Notes:

1. *These tables are a tabulation of the unit prices and total prices received from Bidders during the bidding process. It does not indicate nor convey the responsiveness of the Bid.*
2. *The highlighted cells denote that there was a mathematical error or omission in the written bid tab received from the Bidder.*

Total Bid Schedule - Base Bid:		$920,880.00		$1,241,016.94
Total Bid Schedule - Base Bid + Alt S501-51B	($54,880.00)	$866,000.00	($49,392.00)	$1,191,624.94
Total Bid Schedule - Base Bid + Alt S501-51C	($5,880.00)	$915,000.00	$3,381.00	$1,244,397.94
Total Bid Schedule - Base Bid + Alt S501-51B & S501-51C	($60,760.00)	$860,120.00	($46,011.00)	$1,195,005.94

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF REGIONAL WATER SUSTAINABILITY LIST	RESOLUTION TO UPDATE THE LIST & AWARD FUNDING TO MILNER DAM INC

WHEREAS, in July 2021 the IWRB adopted an initial Regional Water Sustainability Priority List to help guide the Idaho Water Resource Board's (IWRB) spending for large, regional water sustainability projects from ARPA funds, state general funds, or other applicable sources; and

WHEREAS, in January 2022, the IWRB adopted a threshold criteria indicating that for a project to be included on the Regional Water Sustainability Priority List (List), it must "help achieve water supply sustainability on a regional, basin-wide, or state-wide basis;" and

WHEREAS, on October 26th, 2022, the IWRB approved Resolution 39-2022 adopting criteria for the inclusion of projects on the List; and

WHEREAS, Idaho Code § 42-1760 authorizes the Idaho Water Resource Board (IWRB) to expend, loan, or grant money 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, Milner Dam Inc. (MDI) submitted a request on September 2, 2025, to the IWRB for its Milner Dam Rehabilitation project (Project) to be added to the Priority List; and

WHEREAS, the Project is for the rehabilitation of the emergency spillway at Milner Dam which includes the restoration of damaged concrete at the existing emergency spillway, the installation of an improved decking across the emergency spillway, and a redesign and rebuilding of the plunge pool downstream. The estimated project costs for the repairs and rehabilitation are currently estimated at $9,065,000 and are projected to take several years; and

WHEREAS, On September 9th 2025, representatives from MDI presented the project to the IWRB and requested funding in the amount of $1,500,000 to support the design work for the Project; and

WHEREAS, on September 9th, 2025, the Finance Committee recommended that the IWRB add the Milner Dam Rehabilitation Project to the Regional Water Sustainability List and approve the requested funds.

NOW THEREFORE BE IT RESOLVED that the Milner Dam Rehabilitation Project and the Ridenbaugh Project are added to the Regional Water Sustainability List.

BE IT FURTHER RESOLVED, the IWRB approves $1,500,000 in Regional Water Sustainability funding from the Water Management Account to MDI to pursue design work to a 100% level for the Project.

BE IT FURTHER RESOLVED, staff is directed to work with the project sponsor on a draft contract for the Project, including appropriate terms and conditions.

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.

BE IT FURTHER RESOLVED, that upon the accomplishment of a satisfactory level of design, representatives from MDI will provide the IWRB with an updated funding request, with updated project costs for construction, for the consideration of additional funding.

DATED this 12th day of September, 2025.

_____
JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST _____
DEAN STEVENSON, Secretary

MEMO

To: Idaho Water Resource Board

From: Neeley Miller & Justin Ferguson

Date: September 9th, 2025

Subject: Regional Water Sustainability List – Update List

REQUESTED ACTION: Consider Adding NMID Project to the Priority List with Funding

The Idaho Water Resource Board (IWRB) maintains a list of projects intended to help achieve water supply sustainability on a regional, basin, or statewide scale. The Regional Water Sustainability Priority List (Priority List) is used to help guide spending from IWRB allocated funding sources for large, regional water sustainability projects.

A project proposal was received from Nampa & Meridian Irrigation District (NMID) for the Ridenbaugh Canal Diversion Modernization Project to be added to the Priority List. NMID is also requesting Regional Water Sustainability Funding to replace, modernize and automate NMID's Boise River diversion and headworks. Total costs for this project are $20,903,292. The IWRB has previously provided $854,211 in Aging Infrastructure Grant funding towards this project.

At this time, NMID is requesting an additional $9,169,047 in Regional Water Sustainability funding to support the work for the Project. This additional funding would bring the total State funding for this project to $10,023,258.

Representatives presented to the Finance Committee on September 9, 2025. The Committee recommended adding this project to the Priority List and providing the requested funding towards the project.

Attachments:

Draft Resolution – To *Add the Ridenbaugh Canal Diversion Modernization Project to the Regional Water Sustainability Priority List & Provide Funding*

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF REGIONAL WATER SUSTAINABILITY LIST	RESOLUTION TO UPDATE THE LIST & AWARD REGIONAL WATER SUSTAINABILITY FUNDING TO NAMPA & MERIDIAN IRRIGATION DISTRICT FOR RIDENBAUGH DIVERSION MODERNIZATION PROJECT

WHEREAS, in July 2021 the IWRB adopted an initial Regional Water Sustainability Priority List to help guide the Idaho Water Resource Board's (IWRB) spending for large, regional water sustainability projects from ARPA funds, state general funds, or other applicable sources; and

WHEREAS, in January 2022, the IWRB adopted a threshold criteria indicating that for a project to be included on the Regional Water Sustainability Priority List (List), it must "help achieve water supply sustainability on a regional, basin-wide, or state-wide basis;" and

WHEREAS, on October 26th, 2022, the IWRB approved Resolution 39-2022 adopting criteria for the inclusion of projects on the List; and

WHEREAS, Idaho Code § 42-1760 authorizes the Idaho Water Resource Board (IWRB) to expend, loan, or grant money 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, Nampa & Meridian Irrigation District (NMID) submitted a request on August 18, 2025, to the IWRB for its Ridenbaugh Canal Diversion Modernization Project (Project) to be added to the Priority List; and

WHEREAS, the Project will replace, modernize and automate NMID's Boise River diversion and headworks. The total project costs for the repairs and rehabilitation are currently estimated at $20,903,292 and are projected to take several years; and

WHEREAS, the IWRB has previously provided $854,211 in Aging Infrastructure Grant funds (round two) towards this project; and

WHEREAS, NMID is requesting an additional $9,169,047 in Regional Water Sustainability Funding to support the work for this project. This additional funding would bring the total State funding for this project to $10,023,258; and

WHEREAS, On September 9th 2025, representatives from NMID presented the project to the IWRB and requested funding in the amount of $9,169,047 to construct the Project; and

WHEREAS, on September 9th, 2025, the Finance Committee recommended that the IWRB add the Project to the Regional Water Sustainability List and approve the requested funds.

NOW THEREFORE BE IT RESOLVED, the IWRB approves $9,169,047 in Regional Water Sustainability funding from the Water Management Account to NMID to construct the Project.

BE IT FURTHER RESOLVED, staff is directed to work with the project sponsor on a draft contract for the Project, including appropriate terms and conditions.

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 12th day of September 2025.

_____
JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST _____
DEAN STEVENSON, Secretary

Memorandum

To: Idaho Water Resource Board Finance Committee

From: Neeley Miller, Planning & Projects Bureau

Date: September 9th, 2025

Re: Groundwater to Surface Water Conversion Grant Awards

Action: Consider A resolution to award grant funds

Background:
On May 23rd, 2025 the Idaho Water Resource Board (IWRB) adopted resolution no. 19-2025 modifying the Water Management Account spending plan to allocate a portion of the funding appropriated to the IWBB through House Bill 445 (HB 445). The modifications to the spending plan included a $20,000,000 budget for groundwater to surface water conversion grants for projects within the Eastern Snake Plain Aquifer Area of Common Groundwater (ESPA). Criteria for the program was passed via resolution no. 22-2025, also at the May 23rd, 2025 meeting.

The application deadline for the program was August 1st, 2025; Staff received a total of 15 applications requesting approximately $18.7 million in funding.

Key Elements of the Criteria

Eligible Projects: Projects located in eligible geographic areas that propose to convert from groundwater to surface water irrigation.

Eligible Entities: Groundwater Districts, Irrigation Districts, Irrigation Boards of Control, Canal Companies. Individuals must apply through one of the eligible entities.

Eligible Geographic Area: Statewide basins that have been designated Critical Groundwater Areas and Groundwater Management Areas under Idaho Code § 42, Chapters 233a and 233b

Grant Award Limit: $5 million per application (IWRB reserves the right to fully allocate the total budget among the applicants)

- Applicants must agree to cease pumping the proposed portion of groundwater related to project and that delivered conversion water will be used only on lands with an existing groundwater right tied to this project.
- Applications are scored based upon project benefits/effectiveness and proposal clarity.

Staff Recommendation

Staff has evaluated, scored and ranked the applications according to the criteria adopted by IWRB. Staff recommends the IWRB approve grant awards as specified in Attachment A to this resolution.

Attachment(s):
Resolution w/Attachment A

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF GROUNDWATER TO SURFACE WATER CONVERSION GRANTS	RESOLUTION TO AWARD FUNDS

WHEREAS, the Idaho Water Resource Board (IWRB) on May 23, 2025 adopted a resolution (resolution # 19-2025) modifying the spending plan for the Water Management Account; and

WHEREAS, the IWRB's modified spending plan included a budget of $20,000,000 for a Groundwater to Surface Conversion Projects Grant Program; and

WHEREAS, on May 23, 2025, the IWRB adopted criteria for the award of Eastern Snake Plain Aquifer Area of Common Groundwater (ESPA) Groundwater to Surface Water Conversion Grants (resolution # 22-2025) and set an application deadline of August 1, 2025; and

WHEREAS, the IWRB received fifteen ESPA Groundwater to Surface Water Conversion Grant applications by the deadline. The applications were evaluated, scored and ranked according to the criteria adopted by the IWRB; and

WHEREAS, on September 9, 2025, the Finance Committee met and discussed the projects, and recommended the IWRB approve grant awards as specified in Attachment A to this resolution; and

NOW, THEREFORE BE IT RESOLVED that the IWRB approves the award of ESPA Groundwater to Surface Water Grants from the Water Management Account as specified in Attachment A to this resolution.

DATED this 12th day of September 2025.

_____

JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST _____

DEAN STEVENSON, Secretary

ATTACHMENT A

2025 ESPA GW to SW Conversion Grant Applications

Entity	Project	Funds Requested	Total Project Costs	Ranking	Points	Funds Awarded
MVGWD	Large Conversion Project*	$12,060,935.80	$34,121,871.00	1	81	$12,060,935.80
SWID	Mathews Conversion Project	$40,402.00	$80,804.00	2	77	$40,402.00
MVGWD	Brown Family Conversion Project	$618,723.84	$1,237,447.68	3	63	$618,723.84
BGWD	Josh Morris Conversion Project	$49,197.90	$98,395.80	4	60	$49,197.90
BGWD	Christiansen Family Land LLC Warnett Pump Conversion Project	$78,261.00	$156,522.00	5	59	$78,261.00
BLRGWD/BLRID	3 in 1 Conversion Project	$2,510,118.50	$5,020,237.00	6	58	$2,510,118.50
BGWD	Global Ag/Bentley Wray Conversion Project	$81,452.06	$162,904.12	7	57	$81,452.06
BGWD	Ron Gentillon Conversion Project	$46,260.65	$95,521.31	8	55	$46,260.65
BGWD	Thompson Brothers LLC Conversion Project 1	$56,405.32	$112,816.65	9	54	$56,405.32
BLRGWD/BLRID	Darlington Canal Conversion Project	$2,000,000.00	$10,000,000.00	10	54	$2,000,000.00
BLRGWD/BLRID	B&J Canal Piping Project	$689,500.00	$1,379,000.00	11	53	$689,500.00
BGWD	Shandon Carter Conversion Project	$29,826.00	$59,652.00	12	51	$29,826.00
BGWD	Christiansen Family Land Conversion Project	$93,768.50	$186,537.00	13	49	$93,768.50
BGWD	Thompson Brothers LLC Conversion Project 2	$29,110.00	$58,220.00	14	48	$29,110.00
City of Rexburg	Porter Park Conversion Project	$302,975.00	$605,950.00	15	45	$302,975.00
	Total Funds Requested	**$18,686,936.57**	**$53,375,878.56**			**$18,686,936.57**

Memorandum

To: Idaho Water Resource Board

From: Amy Cassel, Cynthia Bridge Clark

Date: September 5, 2025

Re: Letter of Interest – BOR WaterSMART Basin Study – Upper Snake River Basin

REQUIRED ACTION: Guidance from IWRB regarding sponsorship and a Letter of Interest

Summary

Water users in the Upper Snake River basin have expressed interest in pursuing a Basin Study through the US Bureau of Reclamation's WaterSMART program. Michael Hilliard from the Bureau of Reclamation and Shawna Adams from the Minidoka Irrigation District will present the following:

- Components and requirements of a BOR WaterSMART basin study
- Necessary steps and considerations
- Examples of completed Basin Studies
- Importance of a Basin Study in the Upper Snake River Basin
- Collaboration amongst stakeholders
- Basin Study Focus Areas

Attachments

1) WaterSMART Basin Study Program Fact Sheet
2) Notice to Interested Parties – WaterSMART Basin Studies
3) Letters of Support

U.S. Department of the Interior
Bureau of Reclamation
WaterSMART

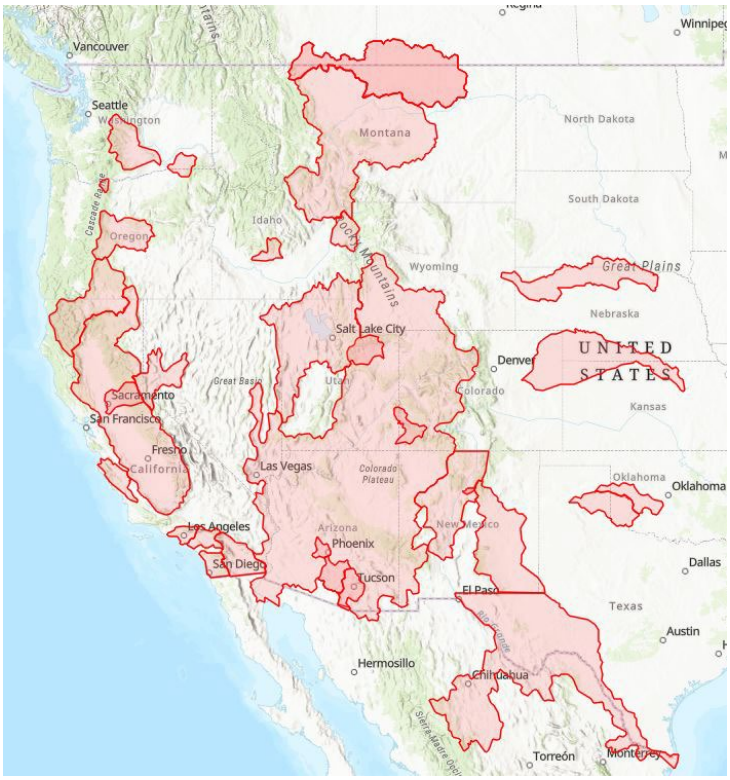
WaterSMART Basin Study Program

Reclamation's WaterSMART (Sustain and Manage America's Resources for Tomorrow) Basin Study Program supports collaborative planning to help Reclamation and its partners assess risks to water supplies from competing demands for water, drought, population growth, and other stressors, and to identify strategies to meet demands. The activities that comprise the WaterSMART Basin Study Program include: Basin Studies, Water Management Operations Pilots, Reservoir Operations Pilots, Applied Science Tools, and Climate Change Activities.

Basin Studies

Basin Studies are critical to helping stakeholders address and plan for water supply and demand imbalances. Through these studies Reclamation provides technical assistance, tool development, and brings together competing interests within river basins to help identify collaborative solutions. The studies are focused on areas with willing State and local partners who provide 50 percent of the study costs. Although each Basin Study is tailored to the specific hydrology and issues in the basin and the needs of the partners, they all include four basic elements.

1. The development of projections of future water supply and demand, including the impacts of climate change, drought, population growth, and any other stressors present in the basin.
2. An analysis of how existing water and power infrastructure and operations will perform given current and future water supply and demand imbalances, including an analysis of the extent to which changes in the water supply may impact Reclamation operations and facilities.
3. The development of appropriate strategies to meet current and future water demands.
4. A trade-off analysis of the strategies identified.



Completed and Ongoing Basin Studies. Not pictured is the American Samoa Basin Study, selected in 2024.

To date Reclamation has funded 33 comprehensive Basin Studies, leveraging more than $32 million in Federal funding with $37 million in non-Federal funding to advance these collaborative studies. 22 of these studies have now been completed; and two are in the final review process prior to public release.

Water Management Operations Pilots (WMOPs) are follow-on studies to a completed Basin Study. The WMOPs allow Reclamation to continue working with state and local partners to identify solutions to water management issues. WMOPs may include additional analysis that would further develop strategies identified in a Basin Study and efforts to update or expand analysis from a Basin Study.

Since introducing the Water Management Options Pilots Program in 2019, Reclamation has funded 10 pilot studies to date, four of which have been completed. The most recently completed WMOP is the Truckee Viability Assessment that evaluates alternatives to the US Army Corps of Engineers 1985 Truckee Basin Water Control Manual and identifies an approach to improve future basin operations.

Reservoir Operations Pilots

Reclamation conducts Reservoir Operations Pilot Projects to support the application of science, information, and tools through multiple case studies. In 2015, Reclamation began the Reservoir Operations Pilot Initiative to identify possible improvements to western reservoir operations by incorporating improved scientific information, enhancing operational flexibility to maximize benefits from the existing system, and assessing changes to reservoir operations under extreme conditions. Pilots selected in 2023 are:

- **Upper Colorado Basin:** "Evaluation of Operating Alternatives for Elephant Butte and Caballo Dams, Rio Grande Project", NM
- **Columbia-Pacific Northwest:** "Evaluating Operational Alternatives to Improve Water Deliveries at Haystack Reservoir," OR

Reclamation is developing site-specific pilots to test and apply new science and tools in basins related to ecological considerations impacting water management, improve operational efficiencies, and determine water availability for water marketing.

Elephant Butte Dam in Southern New Mexico

Climate Change Activities

Reclamation performs a variety of climate change activities to further advance the knowledge and understanding on how climate can affect and impact Reclamation facilities. Activities include:

- **SECURE Water Act Report:** Reclamation's activities related to climate change research, data, and developments are documented within this report. The report can identify risks and impacts associated with current and future climate, efforts with stakeholders to identify and implement adaptation and mitigation strategies, and collaborations in identifying the best available science.
- **West Wide Climate Risk Assessment (WWCRA) Team:** A team of Reclamation staff with technical expertise in hydrology and climate change modeling who perform activities to identify climate change impacts to water resources and risks and impacts to Reclamation's operations.
- **Climate Change Community of Practice:** A Reclamation-wide effort to build and incorporate climate change knowledge into Reclamation's decisions and investments. The goals of the community are to operationalize climate change information across Reclamation's mission areas, advance the use of the best available science and tools, and to build a community and break down silos.
- **Climate Change Case Studies:** The climate change case studies are internal to Reclamation and support efforts by Reclamation staff to develop methods to incorporate climate change information in Reclamation decisions and investments. The studies can help address the challenges of performing analyses and decisions under new levels of uncertainty with imperfect data.

For more information: Please visit https://www.usbr.gov/watersmart/bsp/index.html or contact Stephanie Micek, at 720-799-3158 or smicek@usbr.gov or Sean Kimbrel, at 720-576-1323 or skimbrel@usbr.gov

For more information on selected projects, visit the WaterSMART Data Visualization Tool at http://www.usbr.gov/watersmart.

United States Department of the Interior

BUREAU OF RECLAMATION
1150 North Curtis Road
Boise, ID 83706-1234

IN REPLY REFER TO:
CPN-6412
2.1.4.13

VIA ELECTRONIC MAIL ONLY

NOTICE TO INTERESTED PARTIES

Subject: Requesting Letters of Interest for WaterSMART Basin Studies

Dear Stakeholders:

The Bureau of Reclamation is initiating the Fiscal Year 2025 selection process for new Plans of Study or Basin Studies. Approximately $2 to $3 million in Basin Study Program funding may be made available for these two activities. Reclamation is requesting letters of interest from eligible non-Federal entities interested in jointly collaborating with Reclamation in the development of a new Plan of Study or a Basin Study.

Through the Basin Study Program, Reclamation partners with state and local entities to conduct Plans of Study and comprehensive Basin Studies to identify and address water supply challenges occurring within river basins across the Western United States.

A Plan of Study is the first step in initiating a full-scale Basin Study. While every Basin Study requires a Plan of Study, entities may submit a Letter of Interest (LOI) for only a Plan of Study prior to initiating a more comprehensive Basin Study, if desired. The Plan of Study includes four elements: (1) introduction and Basin Study design; (2) study management plan; (3) Basin Study tasks; and (4) milestones, schedule, and costs. More information regarding a Plan of Study can be found at https://www.usbr.gov/watersmart/bsp/require.html.

A Plan of Study can be used to assess the merits of conducting a full Basin Study and/or serve as a work plan for completing a Basin Study, should the entity wish to proceed. If an entity first chooses to only complete a Plan of Study, they may later submit a proposal for a full Basin Study immediately upon approval of a Plan of Study, rather than waiting for the next funding cycle.

Basin Studies include four main elements: (1) projections of water supply and demand, including the risks associated with climate and hydrologic variabilities; (2) an analysis of how existing water and power infrastructure and operations will perform in response to changing water realities; (3) the development of strategies to improve water supplies, operations, and infrastructure; and (4) a trade-off analysis of the strategies identified.

Eligible applicants for Plans of Study and Basin Studies include non-Federal entities such as States, Tribes, irrigation districts, water districts, or any organization located within the 17 Western States with water delivery or management authority. Other types of entities may also be

cost-share partners if they partner with an eligible applicant. The Basin Study process will also include opportunities for input from other interested basin stakeholders.

We are asking interested non-Federal partners to coordinate with appropriate Reclamation staff in their area on the creation and submittal of a short LOI (not to exceed three pages).

Reclamation will accept LOI's until **October 15, 2025.** They must be submitted to Reclamation's Columbia-Pacific Northwest Regional Office via email at ablue@usbr.gov. Non-Federal participant(s) selected for further consideration will collaborate with Reclamation to develop a joint proposal (not to exceed 15 pages) for a Plan of Study or Basin Study. Joint proposals will be submitted and subsequently evaluated and ranked by an independent Reclamation review committee in the November 2025 – January 2026 timeframe. If an applicant cannot reasonably submit a joint proposal within this timeframe, late submittals will be considered in the order received until available funding has been allocated.

The LOI must describe the proposed Plan of Study or Basin Study and explain how the proposal meets program requirements. The LOI should describe, at a minimum, the following:

- Non-Federal applicant or study lead and partners, including support for their eligibility
- General scope of the study, including the geographic area
- Water supply challenges that create or will lead to imbalances in supply and demand (e.g., inadequate water supplies, inadequate water infrastructure, competing demands for water, changing demographics, or other socio-economic factors)
- Risks to water supplies from climate and hydrologic variabilities, including changes to snowpack, timing and quantity of runoff, groundwater recharge and discharge, and increases in extreme events (e.g., droughts and floods)
- Anticipated benefits from completing the study
- Level of stakeholder interest, including watershed groups
- Resources that the non-Federal study partners would make available for the study, including staff, technical expertise, and applicable data and models

Cost-share partners must contribute at least 50% of the total costs as cash or in-kind services. Reclamation's share of the study cost may only be used to support work done by Reclamation or its contractors.

If you have questions or would like additional information about the Basin Study Program, please contact April Blue at (986) 283-2997 or ablue@usbr.gov. If you are deaf, hard of hearing, or have a speech disability, please dial 7-1-1 to access telecommunications relay services.

Sincerely,

Roland K. Springer
Acting Regional Director

BINGHAM
GROUND WATER
District

1725 Riverton RD · PO Box 1268 · Blackfoot, ID 83221 · (208) 684-9634

September 4, 2025

Roland Springer
Acting Regional Director
United States Bureau of Reclamation
Columbia-Pacific Northwest Region
1150 North Curtis Road, Suite 100
Boise, ID 83706-1234

Re: Letter of Support – WaterSMART Basin Study for the Upper Snake River Basin

Dear Mr. Springer,

I am writing to you as the Manager of the Bingham Ground Water District (BGWD) in strong support of the proposal to conduct a WaterSMART Basin Study for the Upper Snake River Basin.

BGWD is comprised of over 148,000 acres of irrigated cropland as well as municipal and industrial interests which rely on groundwater from the Eastern Snake Plain Aquifer (ESPA) as their primary, and often sole, source of water.

The ESPA has been determined to be conjunctive to the Snake River with intermingled seepage from the river to the aquifer as well as spring flows from the aquifer back to the river. This conjunctive nature has been the source of significant disputes between surface and groundwater users over the past decades. Notwithstanding the disputes, the ESPA provides a unique and significant natural resource in regulating water supplies in the Upper Snake River Basin by storing water during pluvial times and releasing water during dry times. This Basin Study will be a significant step towards overcoming conflicts among water users by better understanding how, where, and when surface and groundwater interact and how such interactions can be incorporated into the overall management of the Upper Snake River in ways that provide maximum flexibility for innovative water conservation tools.

BGWD is not only supportive of this effort, but we are also prepared to assist in data collection and other on-the-ground efforts to benefit the study. We are located in the heart of the Upper Snake Basin and our staff and equipment can be available to help as needed.

We urge the Bureau of Reclamation to approve the Letter of Interest and partner in this important endeavor. Thank you for your support in the continuous effort to study and improve water resource management in the Upper Snake River Basin, which is vital to widely diverse interests throughout the region.

Sincerely,

Alan Jackson
District Manager
Bingham Ground Water District

BURLEY
IRRIGATION DISTRICT
HELPING YOU GROW - SINCE 1918

September 3, 2025

Roland Springer
Acting Regional Director
United States Bureau of Reclamation
Columbia-Pacific Northwest Region
1150 North Curtis Road, Suite 100
Boise, Idaho 83706-1234

RE: Letter of Support – WaterSMART Basin Study for the Upper Snake River Basin

Dear Mr. Springer:

On behalf of the Burley Irrigation District (BID) and its Board of Directors, I am writing to express our strong support for the proposal to partner with the Bureau of Reclamation to conduct a WaterSMART Basin Study for the Upper Snake River Basin.

The focus area for this study encompasses the Snake River Basin upstream of Milner Dam, including the Eastern Snake Plain Aquifer (ESPA), a hydrologic system of major importance in the western United States. Water from this basin underpins farming, city and industrial growth, ecosystem health, and overall economic strength in Idaho and parts of Wyoming. Because the region faces intertwined challenges—such as maintaining aquifer levels, adapting to climate shifts, and meeting changing water needs—this Basin Study offers a much-needed framework for coordinated, long-term solutions.

The Burley Irrigation District and its Board of Directors fully support this project and believe it will be instrumental in identifying solutions that protect and sustain Idaho's water future. In particular, BID would love to see efforts focused on keeping Idaho's water in Idaho through the development of additional storage and similar projects. These efforts not only strengthen BID's ability to serve its water users but also enhance the overall health of the ESPA and the communities it supports.

We strongly support the leadership behind this effort and are prepared to contribute where possible—whether by providing data, engaging stakeholders, participating in technical review,

or supporting outreach activities. BID recognizes that collaborative input will be key to developing practical and science-based solutions, and we are committed to doing our part.

We urge the Bureau of Reclamation to approve the Letter of Interest and move forward as a partner in this important endeavor.

Thank you for your consideration.

Sincerely,
Don Terry
General Manager
Burley Irrigation District
208.678.2511

EASTERN IDAHO
WATER RIGHTS COALITION

September 4, 2025

Roland Springer

Acting Regional Director

United States Bureau of Reclamation

Columbia-Pacific Northwest Region

1150 North Curtis Road, Suite 100

Boise, Idaho 83706-1234

RE: Letter of Support – WaterSMART Basin Study for the Upper Snake River Basin

Dear Mr. Springer:

On behalf of The Eastern Idaho Water Rights Coalition**,** we are writing to express our strong support for the proposal to partner with the Bureau of Reclamation to conduct a WaterSMART Basin Study for the Upper Snake River Basin.

The proposed study area encompasses the Snake River Basin above Milner Dam, including the Eastern Snake Plain Aquifer (ESPA), and represents a critical hydrologic region supporting agriculture, municipal uses, environmental needs, and economic vitality across Idaho and parts of Wyoming.

The Eastern Idaho Water Rights Coalition represents cities, groundwater districts, irrigation districts, canal companies, private industry, and developers across Eastern Idaho. We have a vested interest in ensuring the long-term health of the Basin's water resources and believe this study will be essential in shaping practical, science-based water management solutions for the future.

We support the leadership in this effort and are prepared to conduct educational seminars, use our extensive email network, and website to promote activities to educate the public on the study.

We urge the Bureau of Reclamation to approve the Letter of Interest and partner in this important endeavor. Thank you for your consideration of this critical study.

Sincerely,

Roger Warner, President

Keith Esplin, Executive Director

Eastern Idaho Water Rights Coalition

September 4th, 2025

Roland Springer
Acting Regional Director
United States Bureau of Reclamation Columbia-Pacific Northwest Region 1150 N. Curtis Road, Suite 100
Boise, Idaho 83706-1234

RE: Letter of Support – WaterSMART Basin Study for the Upper Snake River Basin

Dear Mr. Springer:

On behalf of the Henry's Fork Foundation**,** we are writing to express our strong support for the proposal to partner with the Bureau of Reclamation to conduct a WaterSMART Basin Study for the Upper Snake River Basin.

The proposed study area encompasses the Snake River Basin above Milner Dam, including the Eastern Snake Plain Aquifer (ESPA), and represents a critical hydrologic region supporting agriculture, municipal uses, environmental needs, and economic vitality across Idaho and parts of Wyoming. The complex and interrelated water challenges in this region (particularly concerning aquifer sustainability, changing climate conditions, and evolving water demands) require the kind of integrated and collaborative approach that this Basin Study would provide.

The Henry's Fork Foundation (HFF) is a 501(c)(3) nonprofit organization based in Ashton, Idaho and represents 2,750 members who cherish the Henry's Fork and South Fork of the Snake River. Founded in 1984, HFF's mission is to conserve, protect, and restore the unique fisheries, wildlife, and aesthetic qualities of the Henry's Fork and connected watersheds. To accomplish our mission, we work collaboratively with state and federal government agencies, universities, hydroelectric power companies, local businesses, guides and outfitters, individual farmers and ranchers, irrigation districts, and other watershed stakeholders, through programs in science and technology, education, outreach, and stewardship. More information regarding our mission and programs can be found at www.henrysfork.org. We have a vested interest in ensuring the long-term health of the Basin's water resources and believe this study will be essential in shaping practical, science-based water management solutions for the future of agriculture, fisheries, and communities.

We support the leadership in this effort and are prepared to contribute scientific research, data and analysis through our suite of data and modeling web applications, hosting of Basin Study meetings through the Henry's Fork Watershed Council, professional review of draft documents, and collaboration with agency, university, and nongovernmental partners. We are especially well equipped to collaborate in development of a Basin wide water budget and assessment of water management alternatives.

PO Box 550, Ashton, ID 83420 | Tel: 208.652.3567 | henrysfork.org

We urge the Bureau of Reclamation to approve the Letter of Interest and partner in this important endeavor. Thank you for your consideration of this critical study, which will benefit a broad and diverse group of water users across the Basin.

Sincerely,

Brandon Hoffner
Executive Director
bhoffner@henrysfork.org
208-270-6677

Dr. Rob Van Kirk
Science & Technology Director
rob@henrysfork.org
208-652-3567

Idaho State University

August 29, 2025

Roland Springer
Acting Regional Director
United States Bureau of Reclamation
Columbia–Pacific Northwest Region
1150 North Curtis Road, Suite 100
Boise, Idaho 83706-1234

RE: Letter of Support - WaterSMART Basin Study for the Upper Snake River Basin

Dear Mr. Springer:

On behalf of Idaho State University (ISU), I write to express our support, in conjunction with the Letter of Interest (LOI) submitted to the Bureau of Reclamation, for a WaterSMART Basin Study for the Upper Snake River Basin. Basin studies are collaborative, cost-shared efforts that evaluate: a) water supply and demand, b) identify adaptation strategies to address imbalances, and c) provide information/ data to effectively manage water supplies within the region. These activities align closely with ISU's mission to serve Idaho and strengthen its economy.

ISU recognizes that the LOI's proposed study area above Milner Dam and inclusive of all tributaries, as well as the Eastern Snake Plain Aquifer (ESPA), is a complex hydrologic system. Southeast Idaho's communities, agricultural producers, industries, and ecosystems depend on a resilient Upper Snake–ESPA system. With over three million acres of irrigated agriculture in the proposed study area, it supports billions of dollars in economic activity, contributing a substantial share of irrigation supply and all the municipal drinking water. *This underscores why a modern, science-based assessment is both critical and prudent*.

ISU faculty have completed various studies in the region, with an understanding of the complexity. There are inseparable connections between the surface waters, infrastructure operations, and groundwater. To better understand and manage this complex and consequential system, it is important to properly evaluate and quantify water flows, storage, recharge, spring water discharge, and weather-driven variability. ISU supports this study and looks forward to being part of the study team. Specifically, we will contribute interdisciplinary expertise and applied research capacity across several academic departments:

- Biology - aquatic and riparian ecology; habitat and flow-ecology relationships; ecohydrology and water-quality/biota linkages.
- Civil & Environmental Engineering - hydrologic and hydraulic modeling; infrastructure reliability and modernization; water quality and treatment; operations analysis.
- Economics, Social & Policy Sciences - economic and trade-off analysis (cost–benefit, multi-criteria decision analysis); community and stakeholder engagement (participatory modeling, surveys, and workshops); social interactions with water and water systems (equity, resilience, and behavioral dimensions); governance and institutional analysis; risk communication and outreach.
- Geosciences – groundwater/surface water interactions; aquifer recharge and discharge characterization; geospatial analysis and remote sensing; climate and hydrology scenario assessment.

ISU faculty regularly collaborate with state and local partners and can assist with data synthesis, model development, and evaluation of adaptive management strategies consistent with the WaterSMART Basin Study process (e.g., scenario planning, climate and hydrology analyses, and decision-support tools).

Idaho's public research university mission includes educating and preparing the region's youth and adults to meet critical workforce needs. This Basin Study offers an opportunity to involve students directly in data collection, modeling, monitoring network design, and community engagement. Through these efforts, ISU will help develop a skilled local workforce ready to implement the study's recommendations, thereby supporting long-term water stewardship, adaptive management, and community resilience after the study is complete.

We support the collaborative framework needed to bring state, local, Tribal, academic, and stakeholder partners together to co-develop practical solutions. Thank you for considering the Upper Snake River Basin for a WaterSMART Basin Study. ISU stands ready to involve our faculty expertise, student talent, and research infrastructure to help the region develop reliable, science-based pathways for water security in Southeast Idaho and the broader basin.

Sincerely,

Martin E. Blair, PhD
Vice President for Research & Economic Development
martinblair@isu.edu

MURDOCK FARMS, INC
IDAHO FAMILY FARM SINCE 1889
1473 W HOFF RD
BLACKFOOT, ID 83221
208-280-4707

Roland Springer
Acting Regional Director
United States Bureau of Reclamation
Columbia-Pacific Northwest Region
1150 North Curtis Road, Suite 100
Boise, Idaho 83706-1234

September 1, 2025

RE: Letter of Support - WaterSMART Basin Study for the Upper Snake River Basin

Mr. Springer,

Murdock Farms strongly supports the Idaho Water Board's request that the Bureau of Reclamation conduct a WaterSMART Basin Study for the Upper Snake River Basin.

A new study needs to be completed in this area to update developments that have occurred in Idaho over the past ten years. As the B.O.R. is well aware, Idaho faces many water challenges due to surface water demands. The last study was done in 2015 and focused only on the Henry's Fork Basin. We need this new Basin Study to focus on all areas above the Milner Dam of the Snake River. This latest study also needs to include the current public opinion, which I believe has changed about surface water storage reservoirs and dams; in my opinion, they are much stronger in support of such projects.

Murdock Farms is at the center of the water issue. We use ESPA water for our crops and have been personally impacted by the water restrictions. Decisions made in this study will directly affect our farm's future. Murdock Farms is one of Idaho's oldest family farms. We have been growing Idaho Potatoes since 1889. My ancestors helped develop many of the earliest canals in the Blackfoot area. My father came home from World War II and purchased our farm farther west from the original farmstead. Surface water irrigation was not readily available, and we switched to groundwater for irrigation. This is why I am so involved in helping to resolve the water crisis.

I have been working with the Idaho State Water Board on many issues and recommend them as a viable working partner in this process. I will continue to work and do whatever I can to inform the public and gather support for more surface water storage reservoirs.

Please approve the Board's Letter of Interest and help Idaho progress this project.

Thank you for your time.

Brian Murdock, Murdock Farms
Skiingdad65@yahoo.com
208-680-4707

NSCC NSEC

NORTH SIDE CANAL COMPANY, LTD.

731 GOLF COURSE ROAD * JEROME IDAHO 83338 * (208)324-2319 * FAX (208)324-8906

September 2, 2025

Roland Springer
Acting Regional Director
United States Bureau of Reclamation
Columbia-Pacific Northwest Region
1150 North Curtis Road, Suite 100
Boise, Idaho 83706-1234

RE: Letter of Support – WaterSMART Basin Study for the Upper Snake River Basin

Dear Mr. Springer:

On behalf of North Side Canal Company (NSCC), I am writing to express our strong support for the Idaho Water Resource Board's (IWRB) proposal to partner with the Bureau of Reclamation to conduct a WaterSMART Basin Study for the Upper Snake River Basin.

The proposed study area encompasses the Snake River Basin above Milner Dam, including the Eastern Snake Plain Aquifer (ESPA), and represents a critical hydrologic region supporting agriculture, municipal uses, environmental needs, and economic vitality across Idaho and parts of Wyoming. The complex and interrelated water challenges in this region (particularly concerning aquifer sustainability, changing climate conditions, and evolving water demands) require the kind of integrated and collaborative approach that this Basin Study would provide.

NSCC represents 155,000 acres of irrigated farmland on the north side of the Snake River between Hazelton and King Hill. The company's water supply is composed of contracted storage space in Jackson Lake, Palisades Reservoir, and American Falls Reservoir along with natural flow water rights on the Snake River. NSCC has a vested interest in ensuring the long-term health of the Basin's water resources and believe this study will be essential in shaping practical, science-based water management solutions for the future.

We support the IWRB's leadership in this effort and are prepared to participate in the study effort should it move forward.

We urge the Bureau of Reclamation to approve the IWRB's Letter of Interest and partner in this important endeavor. Thank you for your consideration of this critical study, which will benefit a broad and diverse group of water users across the Basin.

Sincerely,

Alan W. Hansten
General Manager
North Side Canal Company

TROUT UNLIMITED

September 4, 2025

Roland Springer
Acting Regional Director
United States Bureau of Reclamation
Columbia-Pacific Northwest Region
1150 North Curtis Road, Suite 100
Boise, Idaho 83706-1234

RE: Letter of Support – WaterSMART Basin Study for the Upper Snake River Basin

Dear Mr. Springer:

On behalf of Trout Unlimited, I am writing to express our strong support for the Bureau of Reclamation to conduct a WaterSMART Basin Study for the Upper Snake River Basin.

Our understanding is that the proposed study area encompasses the Snake River Basin above Milner Dam, including the Eastern Snake Plain Aquifer (ESPA), and represents a critical hydrologic region supporting agriculture, municipal uses, environmental needs, and economic vitality across Idaho and parts of Wyoming. The complex and interrelated water challenges in this region (particularly concerning aquifer sustainability, changing climate conditions, and evolving water demands) require the kind of integrated and collaborative approach that this Basin Study would provide.

Trout Unlimited (TU) is the leading coldwater conservation organization with over 350,000 members and supporters, and in Idaho and Wyoming alone, TU has over 4,500 members. The upper reaches of the Snake River in Wyoming and Idaho are home to one of the last native cutthroat strongholds in North America and contain destination, world class fisheries that are vital to the local economies. With continued collaboration, innovation and science-based water management, TU believes that the needs of fish and wildlife resources can be met alongside those of other water users. Two ongoing examples of TU's collaborative work within the Upper Snake River Basin are its assistance with the formation of and participation in the Salt River Watershed Group and the Snake River Headwaters Watershed Group – both funded by Reclamation WaterSMART grants.

TU would work closely with Reclamation and other participating stakeholders in the Basin Study to develop alternatives to fulfill the purposes of the Basin Study. TU would provide review and input, as well as elevate public awareness of the Basin Study process and opportunities for public review and involvement. TU has a vested interest in ensuring the long-term health of the Basin 's water resources and believes this study will be essential in shaping practical, science-based water management solutions for the future.

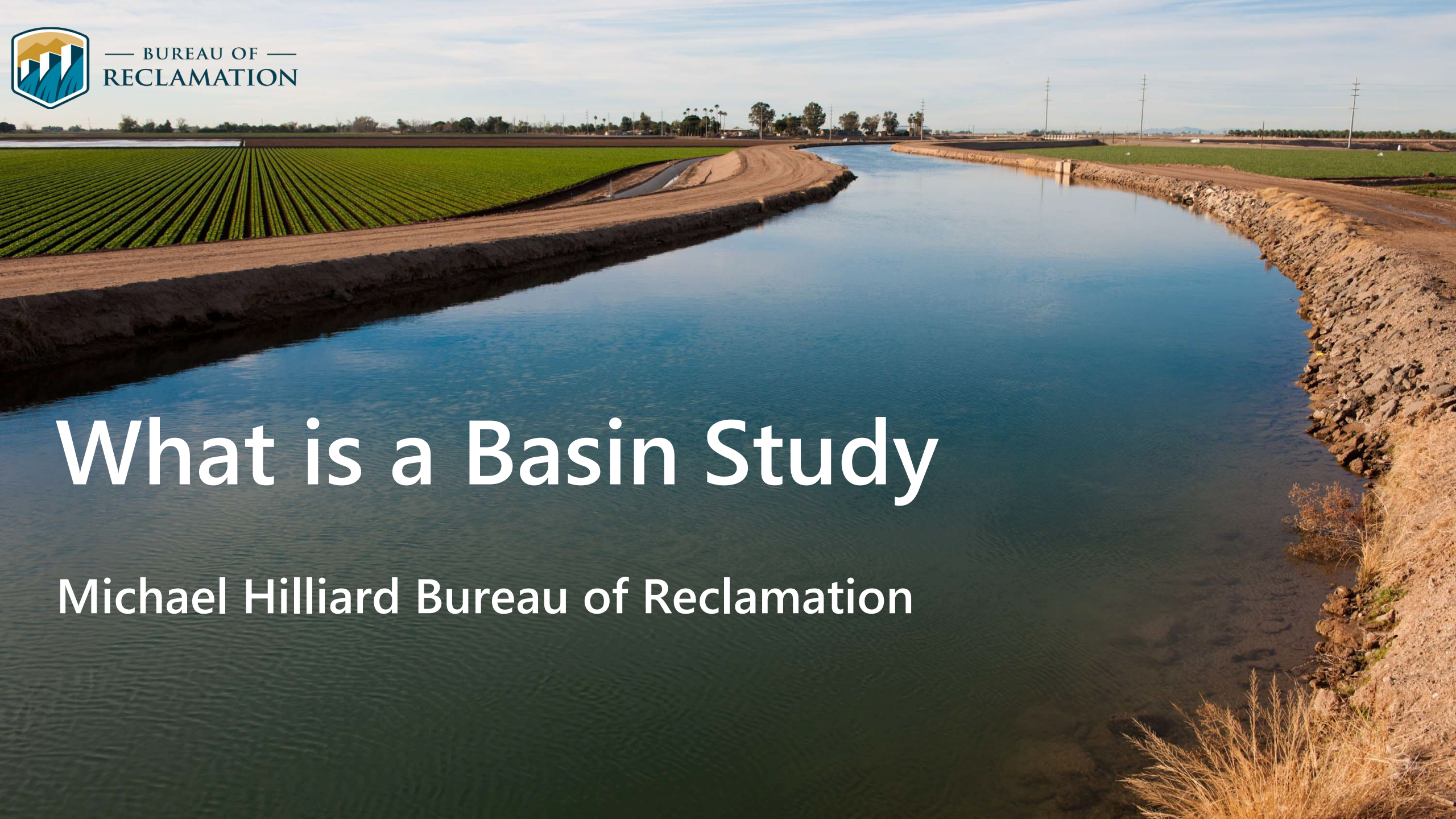
TROUT UNLIMITED

We urge the Bureau of Reclamation to approve the Letter of Interest and partner in this important endeavor. Thank you for your consideration of this critical study, which will benefit a broad and diverse group of water users across the Basin.

Sincerely,

Erin Plue, Idaho State Director
910 W. Main St. Suite 342
Boise, Idaho 83702
erin.plue@tu.org

Leslie Steen, Wyoming State Director
960 Alpine Lane #5, PO Box 5002
Jackson, Wyoming 83001
leslie.steen@tu.org



What is a Basin Study

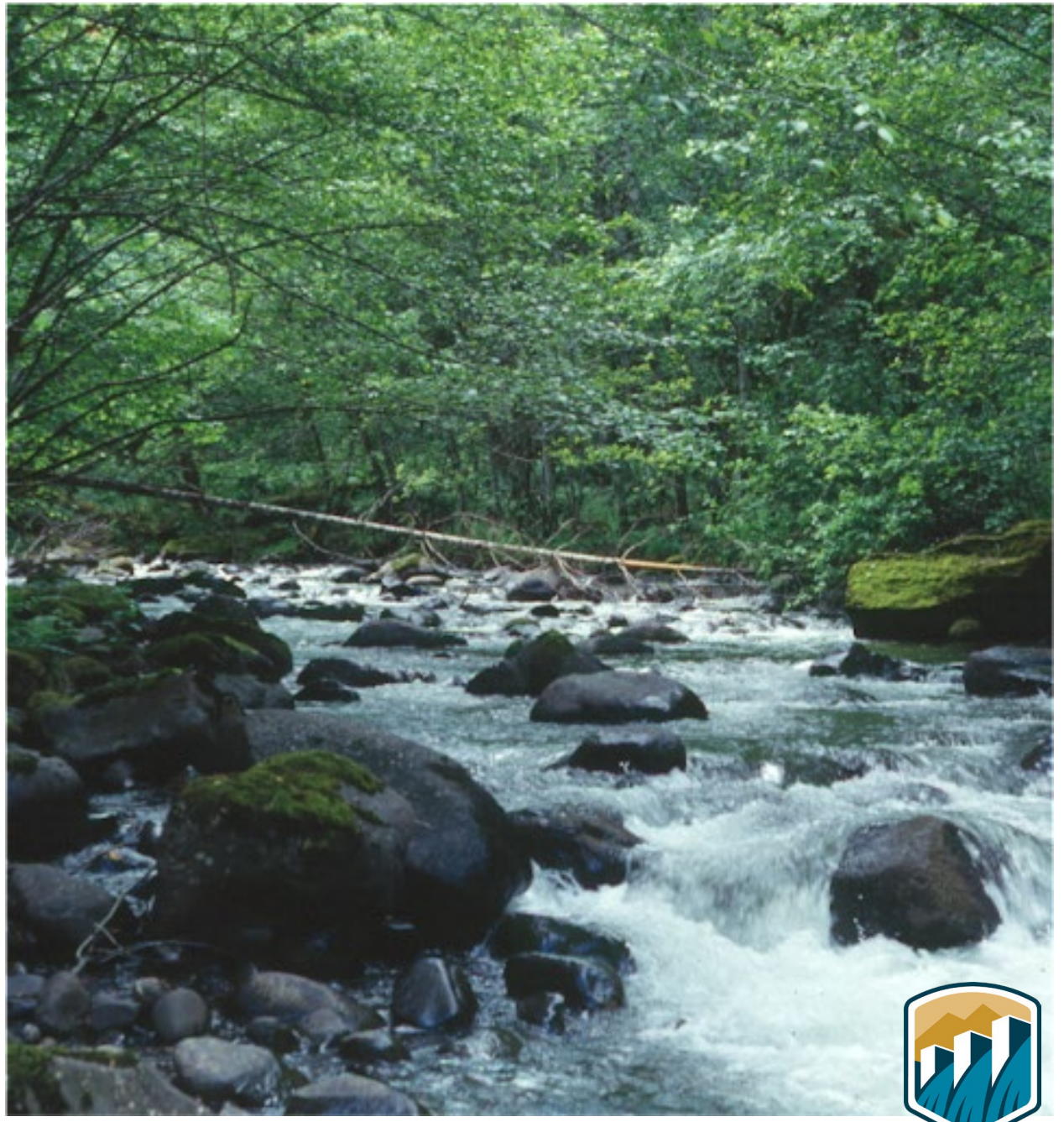
Michael Hilliard Bureau of Reclamation

What is a Basin Study?

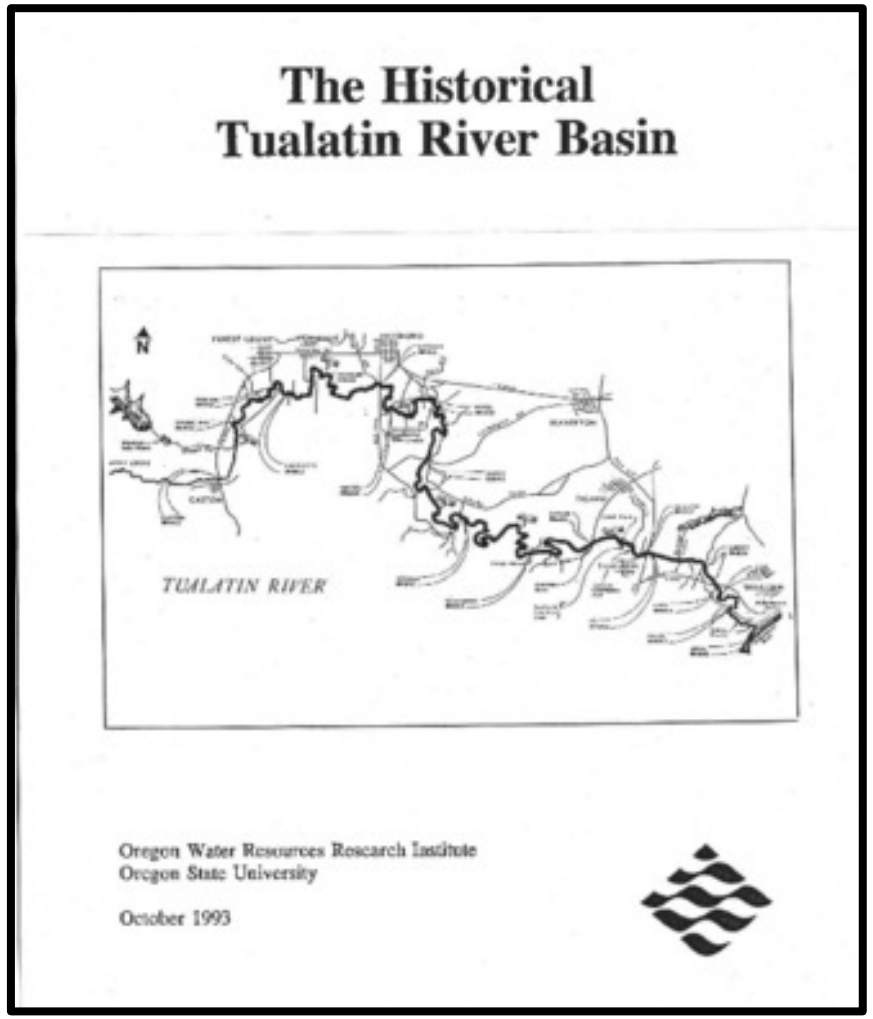
WTR 13-01 Basin Studies

A comprehensive, collaborative study, or update of an existing study, that identifies imbalances between water supply and demand.

Includes the development of mitigation and adaptation strategies in direct response to current or future water supply and demand imbalances.



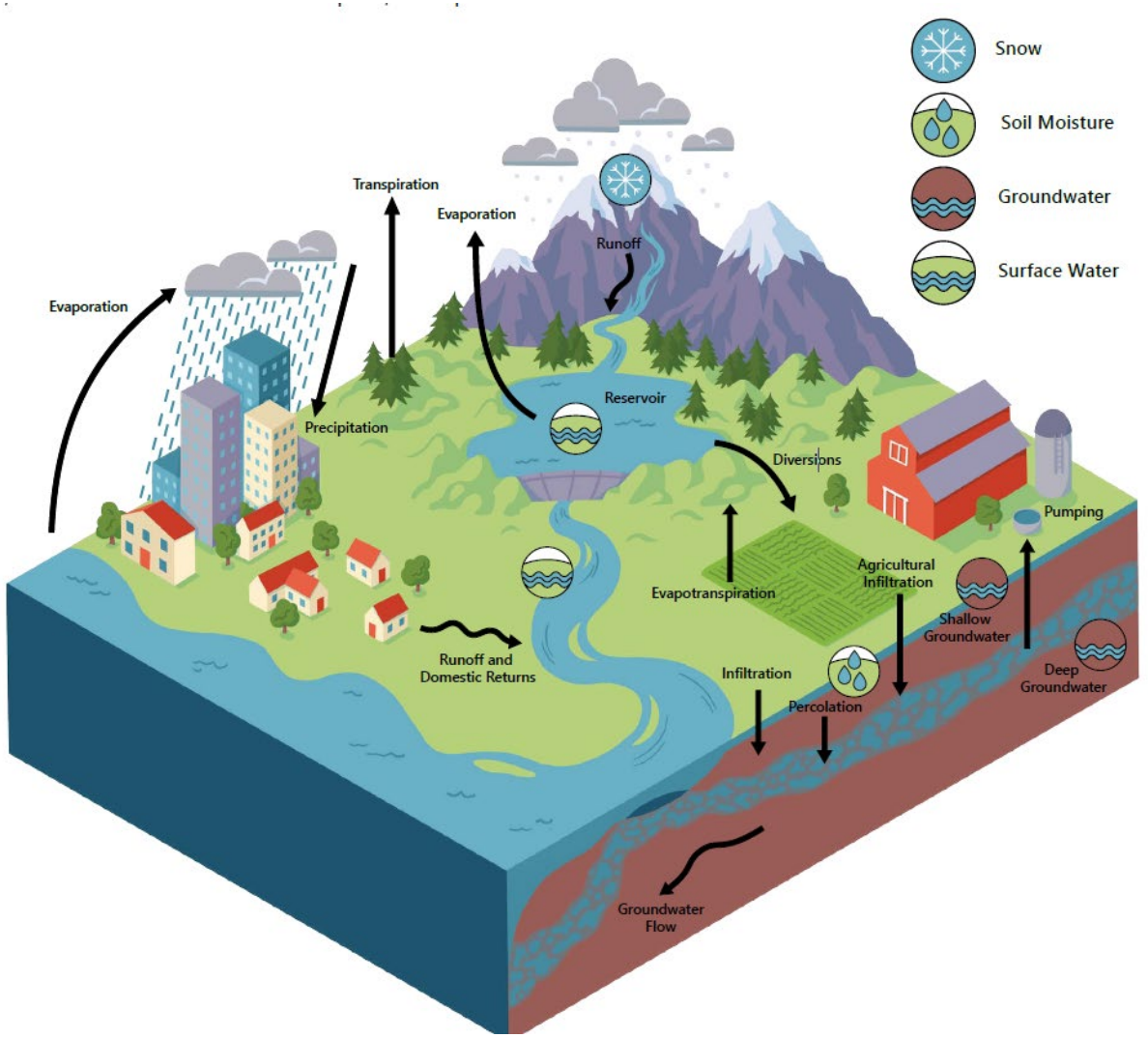
Basin Studies do not…



- provide recommendations or represent a statement of Policy or position of Reclamation, the Department of the Interior, or the funding partners
- propose or address the feasibility of any specific project, program, or plan
- represent a commitment for provision of Federal funds

Four Basic Components of Basin Study

1. Evaluate current and future water supply
2. Evaluate current and future water demand
3. Evaluate the imbalances between the supply and demand
4. Develop solutions and look for tradeoffs

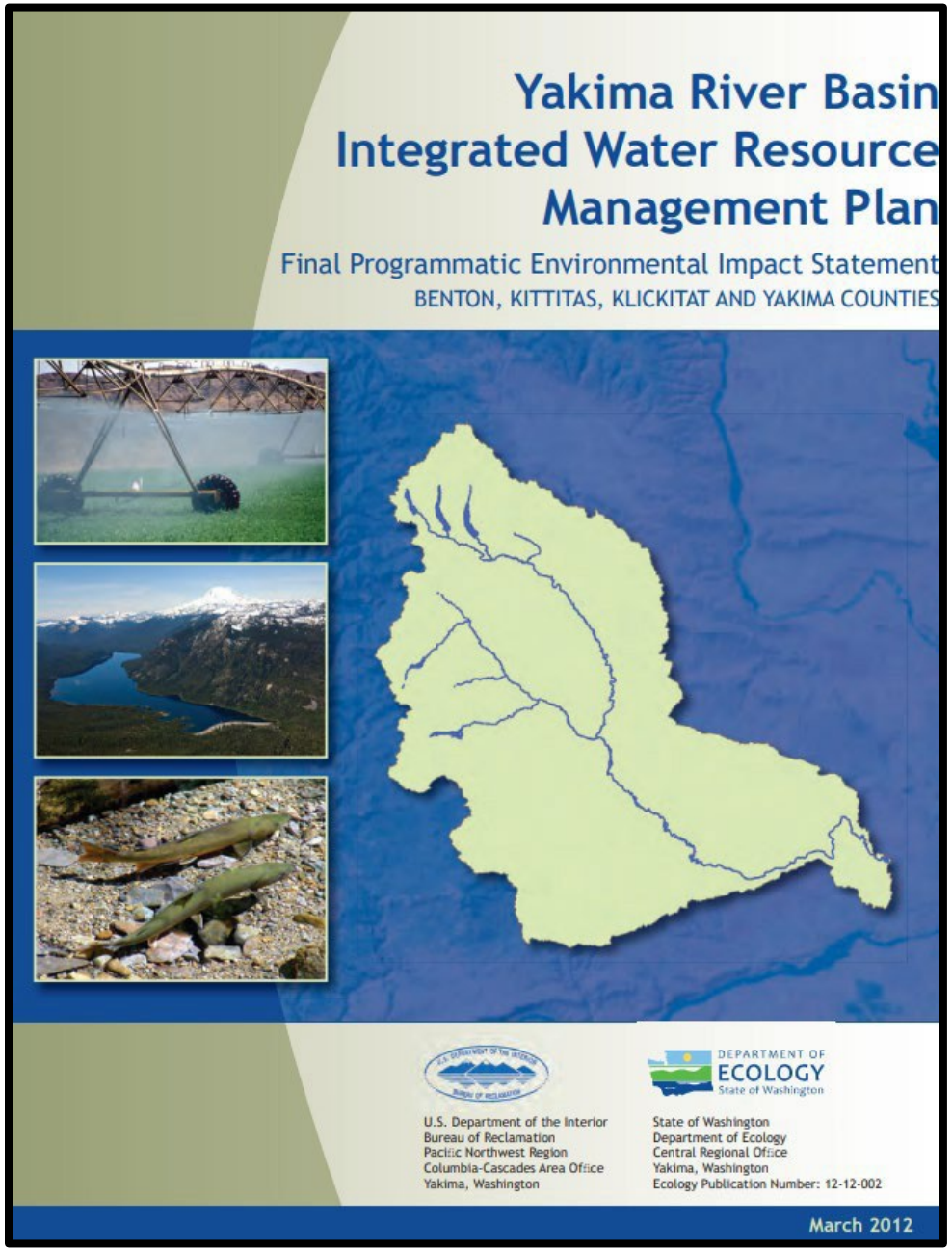


Requirements

Study Area	Boundaries defined in proposal
Period of Performance	Study must be completed 3 years after MOA is signed
Cost Share	Minimum of 50% by non-federal study lead and cost share partners

Example of What Comes Next

- Yakima Basin Integrated Plan
  - 450,000 acre-feet new storage
  - 30-year plan
  - $3-4 billion
  - 7 elements
  - 3 phases
  - Initial development phase



Successful Studies

- Clear scope and intent
- Use planning documentation
- Leverage existing data and research
- Create strong partnerships among basin stakeholders

UNCERTAINTY IN WATER MANAGEMENT

Uncertainty is the common thread throughout water management in the Western U.S. Decisions in support of fulfilling the Bureau of Reclamation's mission are made on a daily basis using imperfect information. It is critical for decision makers to identify and understand the uncertainty in the available information in order to make informed decisions. Examples of the sources of uncertainty related to water science topics are shown under the icons on this page.

Hydrology

- River basin conditions
- Measurement/gage error
- Calculation error

Water Supply and Streamflow Forecasting

- Model error
- Extreme weather events
- Future weather conditions

Water Demand

- Human decision making
- Cropping patterns
- Electricity demand

Fish and Wildlife

- Stream morphology
- Incubation timing
- Predatory mortality

Weather and Climate

- Atmospheric conditions
- Greenhouse gas emissions
- Storm tracks

Physical Infrastructure

- Reservoir sedimentation
- Downstream channel capacity
- Generating unit outages

Water Law

- Lawsuit outcomes
- Water right administration
- Contract disputes

High-Level Considerations

- Comprehensive water supply and demand study
- Incorporates flexibility to address basin-specific concerns
- Does not provide recommendations, address feasibility, or guarantee commitment of Federal funds
- Opportunity for collaboration

Henry's Fork Basin Study and the current basin study program

1. **Evaluate current and future water supply**
2. **Evaluate current and future water demand**
3. **Evaluate the imbalances between the supply and demand**
4. **Develop solutions and look for tradeoffs**

1. **With appropriate data, we can figure out #1.**
2. **With data, but mostly working with partners, we can understand future demands (flow aug, M&I, etc).**
3. **The model will answer #3.**
4. **Finally, partners to propose strategies to analyze (new storage, water marketing, conservation, etc).**

HFBS (early Basin study) essentially started with number 4 and lacked a full understanding of water supply and demand of the area

Did not account for all the water rights in the Snake River Basin

Still provided great information about the the Henry's Fork Basin and potential opportunities

Michael Hilliard - Upper Snake Field Manager (USBR)
mhilliard@usbr.gov

BUREAU OF
RECLAMATION

Basin Study

Anticipated Outcomes & Impacts

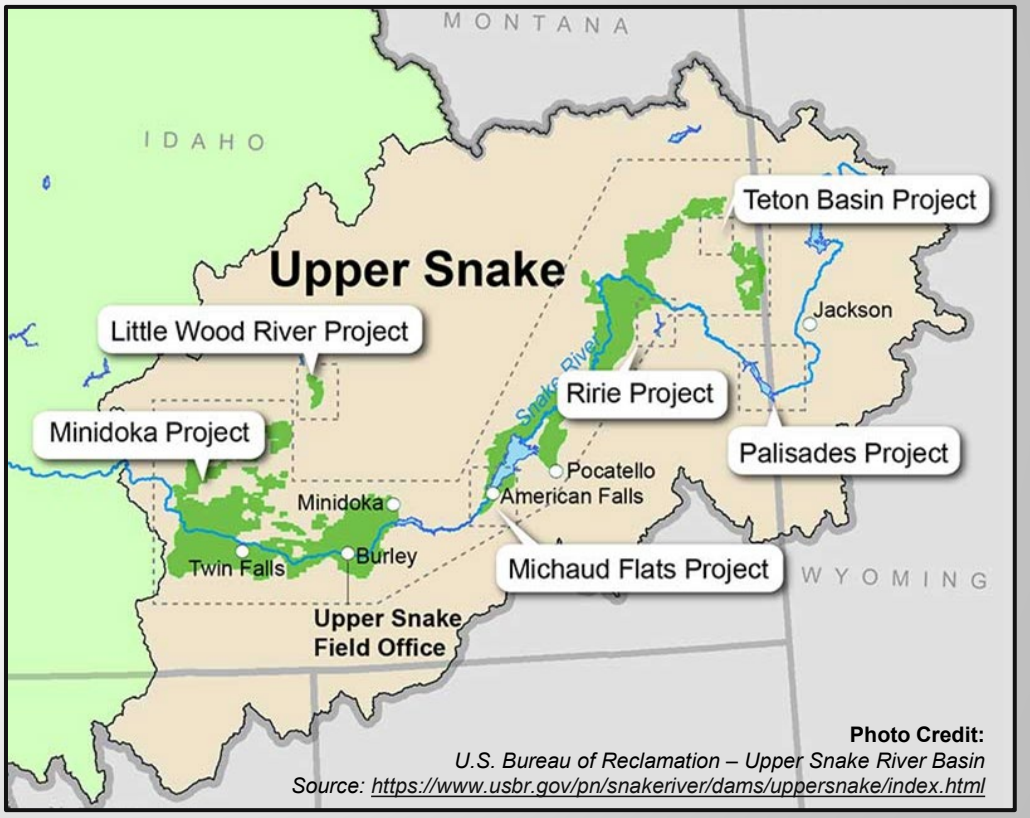
Shawna Adams
Minidoka Irrigation District

Opportunity for the Upper Snake River Basin

- Asking for a YES - IWRB will sponsor and submit the **Letter of Interest** on behalf of basin stakeholders
- Broad stakeholder support - IWRB's sponsorship and representation are essential
- Supports immediate needs of the Upper Snake River Basin
- Provides science-based tools for planning, infrastructure, and long-term resilience

Why a Basin Study Matters

- Science-based foundation for water management decisions
- Anticipates challenges and supports proactive planning
- Focuses on short-term operations and long-term strategy



Forecasting and Strategic Planning

- Anticipates future supply/demand for reservoirs like Palisades, American Falls, Jackson Lake
- Supports irrigation, municipal, and hydropower scheduling
- Reduces reactive, crisis-driven decisions

Impacts of Climate Change on the Snake River Headwaters

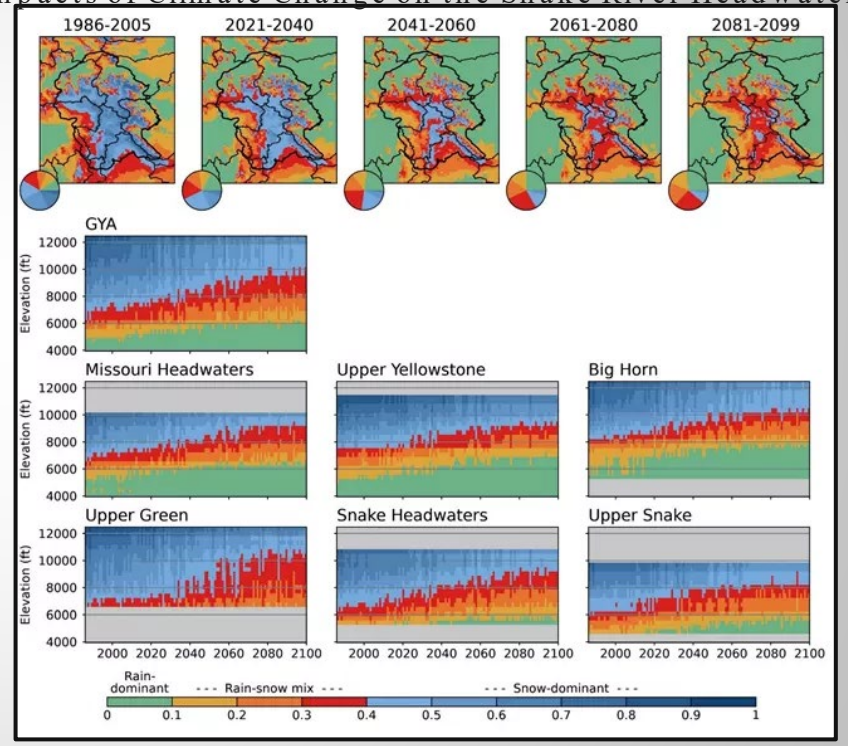


Photo Credit:
Simeon Caskey, National Park Service – Grand Teton National Park
Source: https://www.nps.gov/articles/000/impacts-of-climate-change-on-the-snake-river-headwaters.htm

Collaboration Across Stakeholders

- Brings together irrigation districts, municipalities, tribes, conservation groups, and agencies
- Neutral platform for discussion and joint planning
- Builds consensus and reduces conflicts

Conceptual map of system demands and allocations
Yakima River Basin

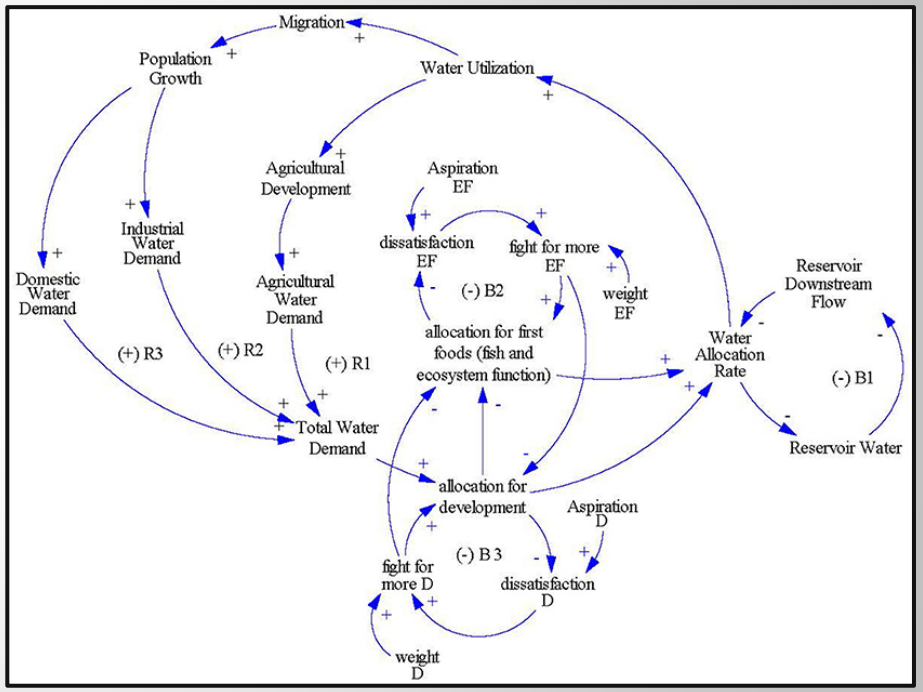


Photo Credit:
Frontiers in Environmental Science
Source: https://www.frontiersin.org/journals/environmental-science/articles/10.3389/fenvs.2018.00104/full

Targeted Investments for Reliability

- Identifies vulnerable infrastructure: diversion structures, canals, spillways, recharge facilities
- Helps rank upgrades based on impact and urgency
- Maximizes effectiveness of limited funding

Spatial representation of the Upper Snake River Basin, Eastern Snake Plain Aquifer, and the dam and reservoir system

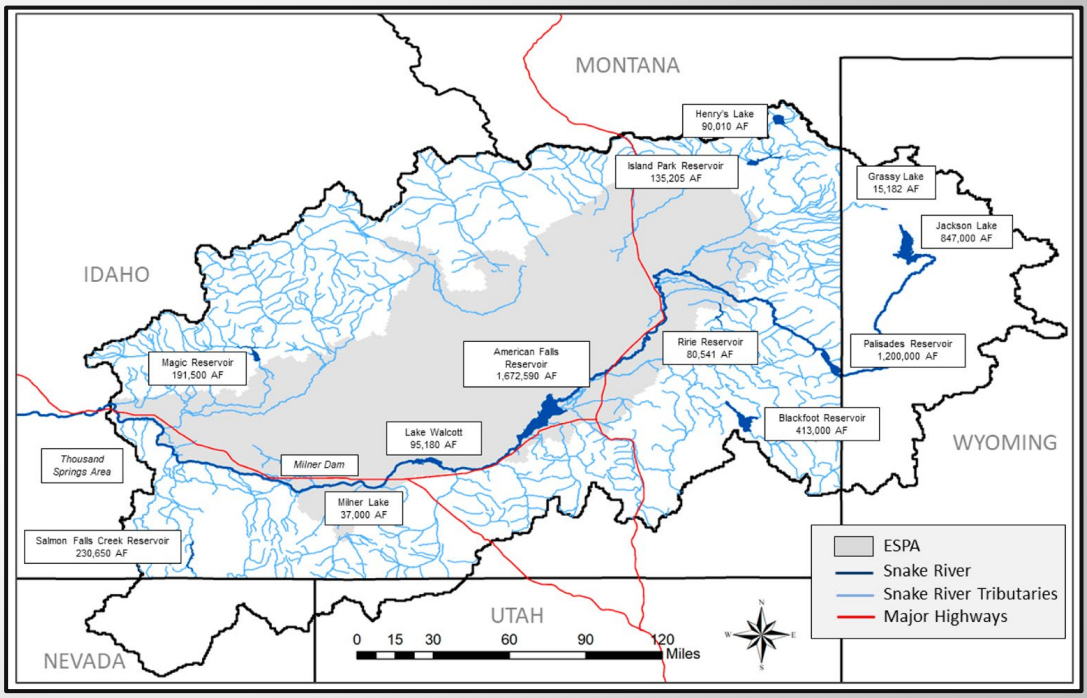


Photo Credit:
MDPI – Sustainability Journal
Source: https://www.mdpi.com/2071-1050/14/16/10394

Adapting to Climate & Hydrologic Risks

- Evaluates risks: early snowmelt, drought, extreme runoff events
- Supports adaptive management: reservoir operations, aquifer recharge, drought planning
- Enhances basin-wide resilience to uncertainty

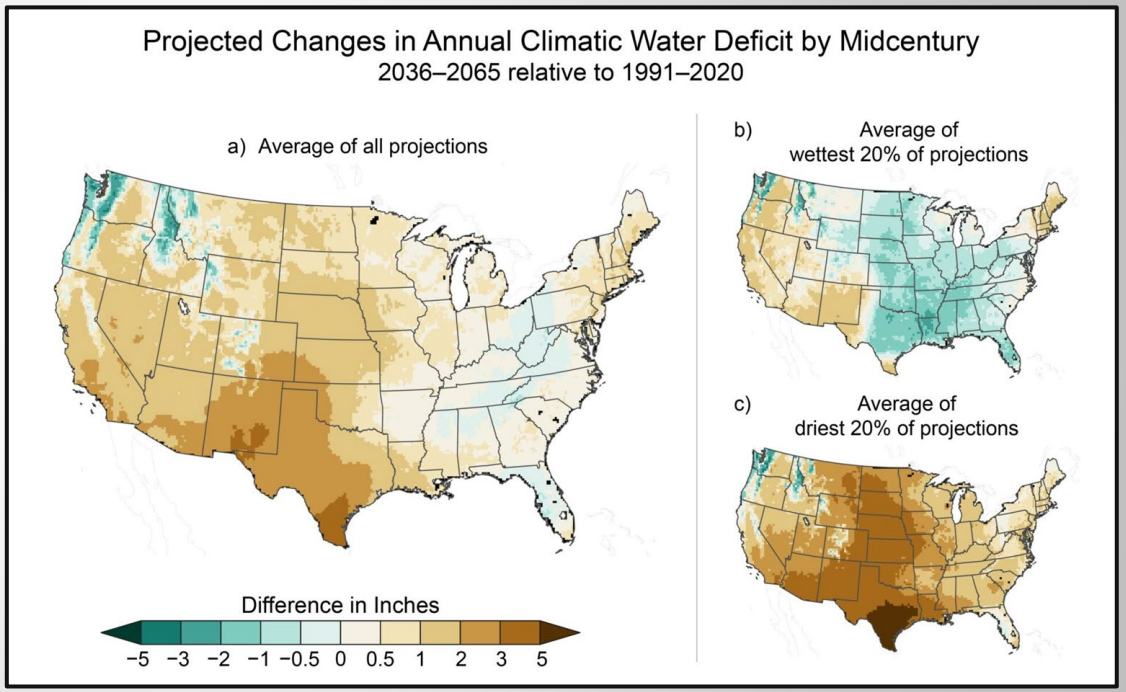


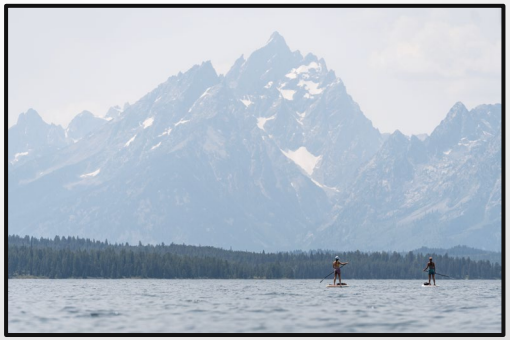
Photo Credit:
The Water Desk – Mitch Tobin
Source: https://waterdesk.org/2024/04/national-climate-assessment-snow-water/

Basin Study Focus Areas

Optimize water supply and aging infrastructure	Identifies vulnerabilities; prioritizes upgrades to reservoirs, canals, diver structures
Balance competing demands	Supports equitable allocation for agriculture, hydropower, municipalities, & ecological needs
Improve conjunctive management	Integrates surface & groundwater use; works to improve aquifer recharg strategies
Protect water quality	Monitors & mitigates impacts from land use, irrigation return flows, clima variability
Plan for growth and socioeconomic change	Incorporates population growth, urbanization, agricultural shifts, tribal/community needs into planning
Respect existing surface & groundwater agreements	Reduces potential conflicts; aligns recommendations with current contracts & compacts

Critical Tool for Sustainable Water Management

- Provides actionable insights for planning, investment, and resilience
- Supports informed decisions benefiting communities, agriculture, and ecosystems



Request for Action

- Asking for a YES from IWRB to submit the **Letter Of Interest** on behalf of basin stakeholders
- This is **not** a scope or financial commitment, only approval to move forward
- Represents the collective interest of individual water users, water management entities, municipalities, and conservation groups
- Enables timely participation in a Basin Study to address today's regional challenges

BINGHAM
GROUND WATER
District

NSCC
NSEC

NORTH SIDE CANAL COMPANY, LTD.

731 GOLF COURSE ROAD * JEROME IDAHO 83338 * (208)324-2319 * FAX (208)324-8906

Idaho State University

MINIDOKA IRRIGATION DISTRICT
M.I.D.
Established 1917
RUPERT, IDAHO

THE VOICE OF THE RIVER
SINCE 1984
HENRY'S FORK
FOUNDATION

TROUT UNLIMITED

EASTERN IDAHO
WATER RIGHTS COALITION

BURLEY
IRRIGATION DISTRICT
HELPING YOU GROW - SINCE 1918

MURDOCK FARMS, INC
IDAHO FAMILY FARM SINCE 1889
1473 W HOFF RD
BLACKFOOT, ID 83221
208-280-4707

Shawna Adams

Project Manager

Minidoka Irrigation District

208-260-1097

projectmanager@minidokairrigationdistrict.org

MEMO

To: Idaho Water Resource Board

From: Justin Ferguson

Date: September 9th, 2025

Subject: Marsh Center Irrigating Company – New Water Project Loan Application

REQUESTED ACTION: Approve A Loan Request of $950,000

1.0 INTRODUCTION

The Marsh Center Irrigating Company (MCIC) is requesting a new loan in the amount of $950,000 from the Idaho Water Resource Board (IWRB) to continue work to replace an open ditch delivery system that has been in use since the late 1800's. MCIC has partnered with the NRCS on the project and received grant funding to complete the project.

2.0 BACKGROUND

Established in 1869 and located southeast of Pocatello in Arimo, ID, the Marsh Center Irrigation Company constructed the Hawkins Reservoir & distribution system for their patrons, currently diverting nearly 950 AF across 3,220 acres.

The MCIC delivery system experiences significant loss from both evaporation and canal leakage through the existing open canal distribution system. The open canals are also a source of potential contamination as livestock share the area.

3.0 PRIOR LOANS

Marsh Center Irrigating Company has held loans with the IWRB in the past, most recently as 2023. At the time of this application, MCIC had borrowed approximately $665,000 of the $700,000 available from this recent loan and repaid all but $80,000 with NRCS funding as work was completed.

4.0 PROPOSED PROJECT

The proposed Project will continue work done under the previous loan, using NRCS EQIP funding, to convert approximately 4 of the remaining 10 miles of open canal to a closed, pressurized pipe system. MCIC has secured the EQIP funding with the bidding period projected to open August 10th through the 15th and construction to begin in early October through December of this year.

5.0 BENEFITS

The Project will reduce canal seepage loss, reduce pumping electrical demand and reduce both the possibility of contaminants and sediment flows within the system. Converting to a more efficient system will also reduce the amount of upstream diversion necessary to continue the irrigation of the 3,220 acres, reducing overall demand in the area.

6.0 FINANCIAL ANALYSIS

The total Project cost is estimated at $950,000. Of that total, MCIC has secured an NRCS EQIP grant of $1,117,670. This loan is intended to work as a bridge loan, to be repaid as work is completed and funding is released under the grant.

The current assessment per share is $29.60 for common and $37.00 for preferred, representing 8 and 10 hours of water, respectively. Currently, there are 8 shareholders holding approximately 3,220 acres. The estimated annual payment, based on a 2-year term would be $498,275 at a 4.9% interest rate.

7.0 WATER RIGHTS

Water Right	Source	Priority Date	Rate	Acreage	Beneficial Use
29-12058	Hawkins Creek	04/01/1897	2.00	100	Irrigation
29-10664	Hawkins Creek	06/10/1897	-	-	Storage
29-10665	Hawkins Creek	04/01/1944	-	-	Storage
29-13493	Hawkins Creek	05/01/1870	10.00	500	Irrigation
29-13494	Hawkins Creek	05/01/1870	30.00	-	Irrigation from Storage

8.0 SECURITY

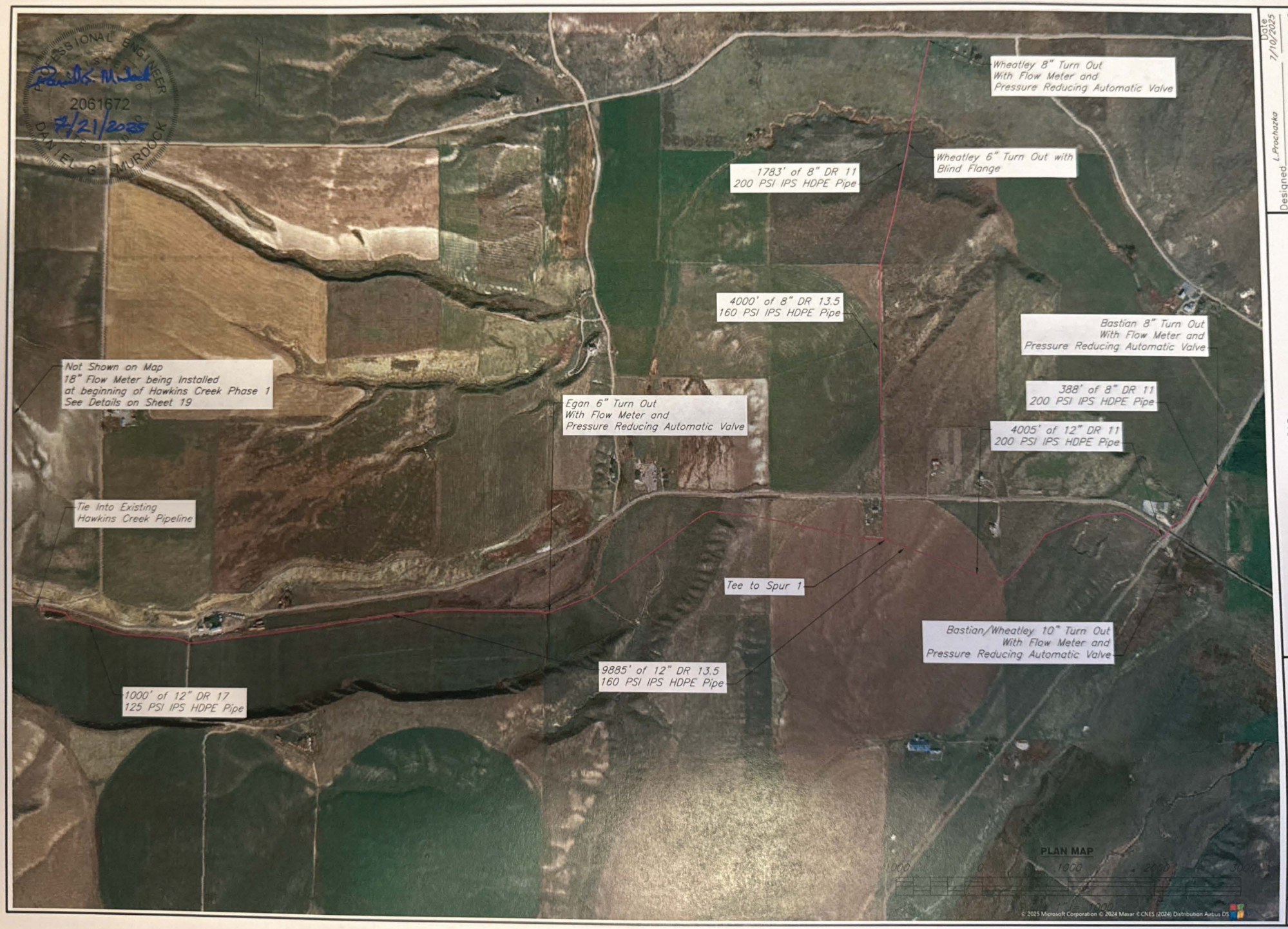
As collateral for the loan, the Board is authorized to hold a lien against the applicant's water rights, infrastructure, and dam at Hawkins reservoir. The security used for the previous loan is appears sufficient to cover both the new application and the current outstanding balance.

9.0 CONCLUSION AND RECOMMENDATION

This loan will be used to modernize canal infrastructure originally constructed in the late 1800s, improving water quality and reducing the overall demand out of the reservoir.

The applicant meets the qualification criteria, and the proposed project is consistent with the goals established by the Board in the Idaho State Water Plan. Staff recommends the approval of the loan request for $950,000.00.

Attachments: MCIC Project Map, MCIC Draft Funding Resolution



PROFESSIONAL ENGINEER
STATE OF IDAHO
2061672
7/21/2025
DANIEL G. MURDOCK

		Date
Designed	L.Prochazka	7/10/2025
Drawn	L.Prochazka	7/10/2025
Checked	C. Prestwich	7/16/2025
Approved	D. Murdock	8/1/2025

MCIC
MCIC PHASE 2
PLAN VIEW

Bannock County, Idaho

PORTNEUF SWCD

United States Department of Agriculture
USDA Natural Resources Conservation Service

File No. Hawkins2.dwg

Drawing No. Hawkins2

7/16/25 7:55 AM

Sheet 2 of 35

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE MARSH CENTER IRRIGATION COMPANY LOAN REQUEST	RESOLUTION TO AUTHORIZE LOAN FUNDING FOR COSTS RELATED TO DELIVERY SYSTEM INFRASTRUCTURE REPAIRS AND IMPROVEMENTS

WHEREAS, the Marsh Center Irrigation Company (Company) was established in 1896 with the construction of Hawkins Reservoir and the associated water distribution system near Arimo, Idaho; and

WHEREAS, the Company delivers water across approximately 3,220 acres for 12 shareholders within Bannock county; and

WHEREAS, the Company was approved for a loan from the Idaho Water Resource Board (IWRB) in November 2025 in the amount of $700,000 to improve the existing delivery infrastructure; and

WHEREAS, the Company borrowed approximately $665,000 of the available funding to complete the work, at which time funds were repaid to the IWRB, leaving an outstanding balance of $80,000; and

WHEREAS, a new loan application was submitted to the IWRB in the amount of $950,000 to begin work on Phase 2 to repair and improve the Company's existing delivery infrastructure; and

WHEREAS, the Company has again secured grant funding through the NRCS EQIP program to continue improvement work on the existing delivery system in the amount of $1,117,670; and

WHEREAS, to remain sustainable for future use and provide a more reliable system for shareholders, the Company will need to make improvements to existing infrastructure; and

WHEREAS, the Company is a qualified applicant, and the proposed Project is eligible for a loan from the Board's Revolving Development Account; and

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

NOW THEREFORE BE IT RESOLVED that the IWRB approves a loan not to exceed $950,000 from the Revolving Development Account at 4.9 % interest with a 2-year repayment term.

NOW THEREFORE BE IT FURTHER RESOLVED that the IWRB provides authority to the Chairman of the Idaho Water Resource Board, or his designee, to enter into contracts, to effectuate the loan, with the District on behalf of the IWRB.

NOW THEREFORE BE IT FURTHER RESOLVED that this resolution and the approval of the loan are subject to the following conditions:

1) The Company shall comply with all applicable rules and regulations that apply to the proposed Project.
2) Prior to the disbursement of any funds, the Company shall comply with all statutory requirements for incurring debt.
3) Prior to the disbursement of any funds, the Company will provide acceptable security for the loan to the IWRB, including its assessment income which the Company collects from its members.

DATED this 12th day of September, 2025.

_____
Jeff Raybould, Chairman
Idaho Water Resource Board

ATTEST _____
Dean Stevenson, Secretary

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE UNITED STATES GEOLOGICAL SURVEY RECHARGE WATER QUALITY STUDY	RESOLUTION TO APPROVE FUNDS FROM THE SECONDARY AQUIFER PLANNING, MANAGEMENT, AND IMPLEMENTATION FUND AND PROVIDE SIGNATORY AUTHORITY

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

WHEREAS, due to numerous factors, including drought, the ESPA has been losing approximately 216,000 acre-feet annually from aquifer storage since the 1950's resulting in declining ground water levels in the aquifer and reduced spring flows to the Snake River; and

WHEREAS, the 2025 Idaho Legislature passed and approved Senate Concurrent Resolution 110 supporting the 2024 Stipulated Mitigation Plan and supporting the IWRB revising the State Water Plan and the ESPA Comprehensive Aquifer Management Plan to establish a state-funded ESPA managed recharge goal of 350,000 acre-feet on an average annual basis; and

WHEREAS, implementation of managed recharge on the ESPA will assist in the goals and objectives of stabilizing and improving aquifer levels to protect municipal and domestic drinking water supplies, support agriculture and other industries important to the state economy, and help address variability in climatic conditions, including drought; and

WHEREAS, the Board approved Resolution 18-2025 on May 23, 2025, (Secondary Aquifer Planning Management & Implementation Fund Fiscal Year 2026 Budget) which included funds for additional ESPA Managed Recharge Program Investigations and funds Reserved for Work in Other Priority Aquifers.; and

WHEREAS, United States Geological Survey ("USGS") presented a proposal to IWRB on September 11, 2025, detailing a Recharge Water Quality Study with a total cost of $371,900 and a request of the IWRB for $311,900; and

WHEREAS, the proposed Recharge Water Quality Study will support the development of the ESPA Managed Recharge Program and assist in developing best practices for conducting managed recharge for the ESPA.

NOW THEREFORE BE IT RESOLVED that the IWRB authorizes expenditures up to $311,900 from the Secondary Aquifer Planning, Management, and Implementation Fund the implementation of the Recharge Water Quality Study; and

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 12th day of September, 2025.

_____
JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST _____
DEAN STEVENSON, Secretary

Memorandum

To: Idaho Water Resource Board (IWRB)

From: Planning & Projects Bureau Staff

Date: September 5, 2025

Re: Bear River

ACTION: Action may be requested

Staff will discuss a potential action related to the Bear River area.