



# AGENDA

## IDAHO WATER RESOURCE BOARD

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**Board Meeting No. 5-23**

**WORK SESSION**

**Thursday, July 20, 2023**

**9:00 a.m. (PT) / 10:00 a.m. (MT)**

**Open Meeting at 9:30 a.m. (PT) / 10:30 a.m. (MT)**

**Brad Little**  
*Governor*

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

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

**Dean Stevenson**  
*Secretary*  
Paul  
District 3

**Dale Van Stone**  
Hope  
District 1

**Albert Barker**  
Boise  
District 2

**Brian Olmstead**  
Twin Falls  
At Large

**Marcus Gibbs**  
Grace  
District 4

**Patrick McMahon**  
Sun Valley  
At Large

Best Western Plus University Inn  
Palouse Room / Zoom Online  
1516 Pullman Road  
MOSCOW

**Board Members & the Public may participate via Zoom**

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

Dial in Option: 1(253) 215-8782 Meeting ID: 891 4917 3257 Passcode: 079798

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1. Roll Call
2. Executive Session: Board will meet pursuant to Idaho Code § 74-206(1) subsection (f) to communicate with legal counsel regarding legal ramifications of and legal options for pending litigation or controversies not yet being litigated but imminently likely to be litigated Topics: Priest Lake and City of Pocatello vs. IWRB. Closed to the public; no actions taken during executive session.
3. Anderson Ranch Dam Raise Update
4. Cloud Seeding Program
5. Aging Water Infrastructure Grants Update
6. Proposed Dworshak/Clearwater Pipeline Presentation
7. Regional Manager's Update
8. Status of Northern Idaho Aquifers
9. Non-Action Items for Discussion
10. Adjourn

*The board will break for lunch at approximately noon.*

*Following lunch, the board will depart for a field trip of points of interest related to the Palouse Basin Aquifer.*

*Transportation will be provided for board members, IDWR staff, and invited guests.*

\* 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](mailto:jennifer.strange@idwr.idaho.gov) or by phone at (208) 287-4800.

# Memorandum

**To:** Idaho Water Resource Board  
**From:** Remington Buyer, Cynthia Bridge Clark  
**Date:** July 13, 2023  
**Re:** Anderson Ranch Dam Raise



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**REQUIRED ACTION:** None.

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## **Project Background**

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

The WIIN Act required an agreement between Reclamation and a partner capable of funding the non-federal share of the project costs through initiation of construction or final design activities prior to December 16, 2021. On November 19, 2021, the IWRB passed a resolution authorizing execution of a cost-share agreement (contract) between Reclamation and the IWRB to continue development of the Anderson Ranch Dam Raise through construction. The Feasibility Study estimate for total design and construction cost of the project is \$83.3 million, not including applicable interest during construction. In accordance with the contract, the non-federal share of the total project construction cost is 88.95%, or approximately \$74.1 million, and will be the responsibility of the IWRB. The federal share of the total construction cost is 11.05% and will be paid by Reclamation appropriations. The contract was executed on November 19, 2021 and Reclamation initiated dam raise design activities. The Anderson Ranch Dam Raise project met the December 16, 2021 WIIN Act construction initiation deadline.

## **Project Funding**

In 2021 the IWRB advanced \$1,223,944 to Reclamation to partially fund the non-federal cost share for final design and construction activities associated with the project. Pursuant to House Bill 769 of the 2022 Idaho Legislative Session, the IWRB authorized expenditure of the remainder of the current non-federal cost obligation, approximately \$72.9 million in September 2022.

## **Project Ownership**

The IWRB's contract with Reclamation affirms that Reclamation will retain sole ownership of 10% of the water accruing to the new storage space created in Anderson Ranch Reservoir through this project (new space) and the IWRB will be able to negotiate with Reclamation to obtain ownership of the remaining 90%. The contract also provides that Reclamation and the IWRB will cooperate to obtain water right permit(s) from IDWR for the new storage space. During the November 18, 2022 regular IWRB meeting the Board affirmed by voice vote that it desired to exclusively retain ownership of the 90%, non-federal portion, of the water right permit. Board staff are working with USBR staff to negotiate the IWRB's ownership of the non-federal portion of the permit.

### **Ongoing Project Activities**

- IWRB staff continues to coordinate with Reclamation and provide support where appropriate. This includes supporting reservoir rim projects by coordinating with stakeholders as needed. Board staff are tracking post-feasibility study design work in anticipation of an update to the spillway design, potential reservoir elevation restriction and mitigation obligation during construction. Staff are also providing support for a Supplemental Draft Environmental Impact Statement (SDEIS) which is currently being prepared by Reclamation;
- Staff participated in Reclamation's Rim Projects Value Engineering (VE) study, held May 22 through 26, 2023 and Dam Raise VE study, held June 5 through 9, 2023;
- IWRB staff met with protestants to application 63-34753 on January 11, 2022, as part of an informal settlement discussion. The protestants provided Board and Attorney General's Office staff with input regarding the basis of their protests. Staff are working with the protestants to address the concerns;
- Board staff is coordinating with a working group of IWRB members to evaluate options for the allocation of IWRB storage water to interested water users. IWRB working group feedback will inform future water use contracting and valuation studies.

Reclamation will provide an update on project activities at the July 20, 2023 IWRB meeting. A briefing letter from Reclamation and copy of its preliminary project development schedule are attached.

### **ATTACHMENTS**

- Boise River Basin Feasibility Study / Anderson Ranch Dam Raise Status Update Letter from USBOR to IWRB (signed July 2023).



United States Department of the Interior  
BUREAU OF RECLAMATION  
Snake River Area Office  
230 Collins Road  
Boise, ID 83702-4520



IN REPLY REFER TO:

CPN-6427  
2.2.4.21

VIA ELECTRONIC MAIL ONLY

Mr. Jeff Raybould  
Chairman  
Idaho Water Resource Board  
322 East Front Street  
Boise, ID 83702

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

Subject: Boise River Basin Feasibility Study / Anderson Ranch Dam Raise Status Update,  
Boise Project, Idaho

Dear Mr. Raybould and Ms. Paquin:

This status update is being sent in preparation for the Idaho Water Resource Board (IWRB) meeting on July 20, 2023.

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

### **Current Status**

Recent project activities include:

- Completed 30% design reviews and comment period.
- Completed a Value Engineering Study for the dam raise scope and one for the reservoir rim projects scope.
- Completed a Constructability Review for the dam raise scope.
- Completed initial Coordination with U.S. Army Corps of Engineers regarding water operations during construction.



Ongoing project activities include:

- Coordination for post-30% design comments, Value Engineering studies proposals, and constructability review feedback.
- Reservoir rim projects' field explorations.
- Coordination for environmental compliance activities.
- Stakeholder coordination and project awareness.
- Standing monthly oversight team meetings between Reclamation and IWRB staff.

### **Completed Key Milestones**

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

July 31, 2020	Reclamation released the Draft EIS and Draft Feasibility Report.
October 30, 2020	Reclamation initiated formal Endangered Species Act consultation with National Oceanic and Atmospheric Administration National Marine Fisheries Service and submitted its biological assessment.
December 2020	The Secretary of the Interior determined the Study's recommended plan to be feasible in accordance with the WIIN Act.
December 2020	Reclamation transmitted the Final Feasibility Report to Congress.
December 2020	Fiscal Year 2021 Appropriations legislation secured \$12.88 million in WIIN Act funding for completing the Study, environmental compliance, and construction.
May 2021	Initiated pause in environmental compliance process pending further development of final design.
July / August 2021	Reclamation's Columbia-Pacific Northwest Region requested delegation of authority and received approval from the Commissioner to negotiate, execute, and administer a cost-share agreement pursuant to section 4007 of the WIIN Act with the IWRB.
Sept. / Oct. 2021	Reclamation and IWRB completed cost-share contract negotiation sessions: Sept. 22, Oct. 5, Oct. 19, and Oct. 28.
November 2021	IWRB and Reclamation signed and executed cost-share contract. IWRB provided first interval payment of advanced funds. TSC initiated final design activities.
June 2022	Reclamation's TSC completed dam spillway overlay feasibility design and conducted risk neutrality and construction risk workshop.
September 2022	Reclamation's risk neutrality and construction risk analysis, Dam Safety Advisory Team review and concurrence.
September 2022	Received total non-federal project funding based on the feasibility level total project cost estimate.
May 2023	Completed Dam Raise and Reservoir Rim Projects 30% Designs.
June 2023	Completed Dam Raise and Reservoir Rim Projects 30% design reviews, Value Engineering Studies, and Dam Raise Constructability Review.

### Key Critical Path Milestones

Fall/Winter 2023	Complete Supplemental Draft EIS
Summer 2024	Complete environmental compliance
Summer 2024	Complete final design

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

Chris Keith  
Project Manager

# Memorandum



To: Idaho Water Resource Board  
From: Kala Golden, Cloud Seeding Program Manager  
Date: July 10, 2023  
Re: Cloud Seeding Program | Instrumentation & Computing

## **ACTION: Authorize funding for instrumentation & computing**

### **MODELING**

Modeling has demonstrated to be a vital component of Cloud Seeding Program (CS Program) development— supporting planning, operations, assessments, and research. Operation and development of models requires considerable computing space, and reliable data to ensure the accuracy of model output. The IWRB will need to consider requirements for modeling to support program development in the long term.

To date, the IWRB has partnered with Idaho Power Company (IPC) for the development of a Weather Research and Forecasting (WRF) Cloud Seeding Model (WRF-WxMod), and a hydrology based WRF model (AKA “WRF-Hydro”) that must be calibrated to each region of operation. WRF-WxMod supports seasonal operations, feasibility, and design studies for planning, and is used in conjunction with WRF-Hydro to estimate impacts from water generation. Existing model domain and calibrations cover only the Collaborative Program operations. Additional basins of operation will require expanding the model’s domain for WRF-WxMod, and regional calibration of the WRF-Hydro model. The IWRB has contracted NCAR to conduct an evaluation of modeling and computing needs to support the IWRB’s CS program in the longer term.

Currently, staff are recommending the IWRB:

<b>1. Develop a statewide calibration of the WRF-Hydro model</b>	
<b>Purpose</b>	Calibration of the WRF-Hydro model is required to conduct area specific CS analysis and to support expanded CS operations.
<b>Scope</b>	<ul style="list-style-type: none"><li>- Create a cloud based hydrologic modeling tool that will allow IDWR and/or its program operators to conduct on-going hydrologic impacts assessments over the entire State of Idaho.</li><li>- Develop model documentation and provide staff training.</li></ul>
<b>Cost</b>	\$750,000
<b>Timeline</b>	2 Years; <i>Est Oct 2023-Oct 2025</i>
<b>Benefit to State</b>	<ul style="list-style-type: none"><li>- Project develops a system capable of conducting basin by basin calibrations more efficiently and cost effectively than calibration of basins one project at a time. <i>For reference, costs for calibration of the WRF-Hydro model for the Boise, Wood, Upper Snake, and Payette River Basins were approximately \$230,000.</i></li><li>- Allows IDWR staff to conduct on-going assessments.</li><li>- A statewide, calibrated hydrologic model can be used to support efforts beyond cloud seeding. One example might be having the ability to forecast and model streamflow more accurately in basins with limited or no gaging.</li></ul>

## 2. Expand WRF-WxMod domain to include the Bear River and Lemhi River Basin

<b>Purpose</b>	The IWRB has initiated investigative studies for CS projects in the Lemhi and Bear River Basins. Before operations can be conducted in these basins, the cloud seeding model domain will need to be expanded to cover these regions.
<b>Scope</b>	<ul style="list-style-type: none"><li>- Expand model domain across Lemhi and Bear</li><li>- Update model to allow for running across multiple target domains</li></ul>
<b>Cost</b>	\$210,000
<b>Timeline</b>	6 months; <i>estimated Jan 2024- June 2024</i>
<b>Benefit to State</b>	<ul style="list-style-type: none"><li>- Development of modeling tools to support CS operations in the Bear and Lemhi River Basins</li><li>- Updated model</li></ul>

## INSTRUMENTATION

To produce results with a reasonable level of confidence, modeling tools require a significant amount of data to support accurate model simulations. The existing CS Program is supported by a wide network of weather instrumentation that supports modeling efforts in the Collaborative Program basins and has contributed towards on-going model development. The existing WRF modeling tools are first of their kind and have provided significant advancement in researchers' abilities to assess weather modification activities; however as with any new technologies, developers have identified necessary improvements that will need to be made to refine this tool for its intended use, and many of those improvements require data to support further development.

Lack of available radar data has been one limiting factor in model development. Weather radars provide necessary spatial and temporal data at a resolution that models need to more accurately predict where water content exists across a basin. This type of data can improve our real time forecasting abilities, as well as improve the model's ability to accurately replicate weather events, and better estimate impacts.

## 3. Authorize expenditure of funds for necessary computing to support modeling projects

<b>Purpose</b>	When the IWRB and IPC partnered for the shared purchase of the "Borah" HPC in 2019, many of the current projects were not yet contemplated. Program development will largely be dependent upon modeling and the availability of computing space to support model runs and the data produced. Staff are working to identify on-going computing needs to support existing and prospective projects; additional funding will be required to support computing needs on various projects.
<b>Scope</b>	<ul style="list-style-type: none"><li>- Evaluate program modeling needs and determine how much space can be used on the existing Borah HPC.</li><li>- Determine the availability of space on the "Falcon" HPC; Falcon is a federally gifted HPC operated in partnership by BSU. This HPC is available to public entities for research purposes on a priority basis. Purchase cloud bases or other computing services as may be necessary.</li></ul>
<b>Cost</b>	\$100,000
<b>Timeline</b>	On-going, as needed FY24
<b>Benefit to State</b>	Acquire necessary resources to support CS Program projects.

Currently, most wintertime cloud seeding operations rely on Silver Iodide (AgI) as the primary seeding agent used to conduct CS operations. AgI has been demonstrated in lab settings to nucleate ice and has been field studied in operational programs. Liquid Propane (LP), like AgI, has been demonstrated to nucleate ice, however no comprehensive investigations have been conducted to date looking at the efficacy of using Liquid Propane in an operational weather modification program. LP can nucleate ice at warmer temperatures than natural ice and AgI, and its less costly to use. However, LP has different physical properties that require further investigation to better understand the efficacy of using LP in an operational setting.

The IWRB has contracted NCAR to conduct a statewide assessment of cloud seeding opportunities (Statewide Assessment). The Statewide Assessment looks at the frequency of “seedable conditions” across the state or where the right temperatures and an abundance of supercooled liquid water (SCL) exist, looking at necessary conditions for using both AgI and LP. The AgI portion of the Statewide study was concluded in 2022; the LP portion will wrap up early fall, 2023.

Several other States and entities are also interested in the possibility of using LP for operational cloud seeding; in addition to partnership funding opportunities, a variety of grant opportunities may also be available to support a larger investigation of LP. However, to set up a comprehensive investigation, researchers will first need to identify appropriate field site(s) to conduct the study. Staff began working with NCAR, IPC, and other interested parties in 2022 to identify the necessary parameters for conducting a comprehensive field study, looking at the efficacy of using LP, and initiated data collection efforts on the Little Camas Prairie in 2022; due to contracting limitations the season’s data collection was limited, and staff are proposing another season to support this effort.

Additionally, the current suite of WRF modeling tools were designed to model cloud seeding using AgI. Data from the SNOWIE field campaign is still being processed and used to update and validate the WRF models using AgI. While much has been learned from existing efforts, to accurately model LP and utilize these modeling tools analogously, more data will be required to better understand how LP works in the natural environment— essentially developers will need to “teach” the model how to replicate LP using data collected.

4. Authorize expenditure of funds for the collection and post processing of weather radar data	
<b>Purpose</b>	Weather radar data is essential to better understanding where water exists within a basin, in turn supporting development of existing WRF modeling tools; it is also critical to providing a better understanding of how different seeding agents can nucleate ice in an operational setting, and better quantify impacts from seeding.
<b>Scope</b>	<ul style="list-style-type: none"> <li>- Set up and deploy weather radar in Idaho</li> <li>- Collect weather data over the 2023-2024 winter season</li> <li>- Conduct post processing and analysis of Data</li> </ul>
<b>Cost</b>	\$450,000
<b>Timeline</b>	1 Year; <i>Est Oct 2023-Sep 2024</i>
<b>Benefit to State</b>	<ul style="list-style-type: none"> <li>- Development of data to support cloud seeding program planning and assessments</li> <li>- Identification and parameters of test site for conducting comprehensive LP investigation</li> </ul>

#### 4. Authorize expenditure of funds for LES modeling

<b>Purpose</b>	Understanding how the topography impacts the natural precipitation distribution in a region and whether there exists redistribution of snow by winds are important factors when looking to inform a field experiment aimed to study the impacts of LP seeding. Live Eddy Simulations (LES) are a type of high-resolution modeling that can help us better understand the cloud structure, phase partition, precipitation processes, and natural distribution (and possible redistribution by wind) of snow, and their interactions with terrain-induced turbulence.
<b>Scope</b>	<ul style="list-style-type: none"><li>- Set up model parameters to conduct LP simulations over the Little Camas Prairie and East Idaho near Driggs</li><li>- Develop modeling techniques to assess LP</li><li>- Run model simulations using LP</li><li>- Analysis of model results</li></ul>
<b>Cost</b>	\$465,000
<b>Timeline</b>	2 Years; <i>Est Oct 2023-Oct 2025</i>
<b>Benefit to State</b>	Capability to better understand and design observational strategies to detect the impacts of LP seeding.

#### Attachments:

- Fiscal Year 2024 Cloud Seeding Program Budget Summary
- *Draft* Resolution authorizing funds for Cloud Seeding Program Expenditures

CLOUD SEEDING PROGRAM					
			<u>FY24 Approved</u>	<u>FY24 Current Authorizations</u>	<u>FY24 Remaining</u>
Operations & Maintenance	Collaborative Program	(B/W/US) 2023-2024 operations; IWRB cost share TBD, total program cost \$3.42M (\$2.3M= 2/3)	\$2,300,000	\$0	\$2,300,000
	Bear River Basin	N/A for 2023-2024 operations	\$0	\$0	\$0
	Technology	Model and computing administration, device support	\$50,000	\$0	\$50,000
TOTAL			\$2,350,000	\$0	\$2,350,000
Capital	Weather Instrumentation	Replacement/Enhancement/Upgrade, existing	\$200,000	\$0	\$200,000
		New Devices (statewide)	\$1,000,000	(\$450,000)	\$550,000
		Weather Radar Data Collection and Processing		(\$450,000)	-
	Modeling	Modeling, computing, device support	\$1,000,000	(\$960,000)	\$40,000
		Statewide Calibration of WRF-Hydro Model		(\$750,000)	-
		Expand WRF-WxMod to cover Bear & Lemhi River Basins		(\$210,000)	-
	Infrastructure	Equipment for new basins (Bear/US shared/Lemhi/Other.... for season Nov 2024-25)	\$750,000	\$0	\$750,000
TOTAL			\$2,950,000	(\$1,410,000)	\$1,540,000
Research & Development	Technology	Development of instrumentation and modeling, data support	\$0	\$0	\$0
	Investigations	Analysis, assessments, cost share in research to support policy questions	\$1,000,000	(\$465,000)	\$535,000
		LES Modeling for LP		(\$465,000)	-
	Reserve	Additional Program Costs	\$700,000	(\$100,000)	\$600,000
				(\$100,000)	-
TOTAL			\$1,700,000	(\$565,000)	\$1,135,000
CLOUD SEEDING PROGRAM TOTAL			\$7,000,000	\$1,975,000	\$5,025,000



**BEFORE THE IDAHO WATER RESOURCE BOARD**

IN THE MATTER OF CLOUD SEEDING IN THE  
STATE OF IDAHO

RESOLUTION TO AUTHORIZE FUNDING FOR  
INSTRUMENTATION AND COMPUTING

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

6 WHEREAS, HB266 Directed the IWRB to conduct an assessment of cloud seeding opportunities  
7 across the State of Idaho, and identify opportunities for expanding the Cloud Seeding Program (Program)  
8 within the State; and  
9

10 WHEREAS, Cloud seeding remains an up and coming technology and our understanding of the  
11 water management strategy will require investments in data collection and modeling technologies; and  
12

13 WHEREAS, the IWRB will need to consider options for the development of tools and resources to  
14 support Program development and analysis.  
15

16 NOW, THEREFORE BE IT RESOLVED that, the IWRB authorizes expenditures not to exceed  
17 \$750,000 from the Secondary Aquifer Planning, Management, and Implementation for a project to  
18 complete a Statewide Calibration of the WRF-Hydro model.  
19

20 BE IT FURTHER RESOLVED that, the IWRB authorizes expenditures not to exceed \$210,000 from  
21 the Secondary Aquifer Planning, Management, and Implementation Fund for work to expand the WRF-  
22 WxMod model to cover the Lemhi and Bear River Basins  
23

24 BE IT FURTHER RESOLVED that, the IWRB authorizes expenditures not to exceed \$100,000 from  
25 the Secondary Aquifer Planning, Management, and Implementation Fund for the purchase of computing  
26 resources to support existing and on-going IWRB projects.  
27

28 BE IT FURTHER RESOLVED that, the IWRB authorizes expenditures not to exceed \$450,000 from  
29 the Secondary Aquifer Planning, Management, and Implementation Fund for the deployment of a  
30 weather radar, and the collection and post processing of data.  
31

32 BE IT FURTHER RESOLVED that, the IWRB authorizes expenditures not to exceed \$465,000 from  
33 the Secondary Aquifer Planning, Management, and Implementation Fund for costs related to LES  
34 modeling.  
35

36 BE IT FURTHER RESOLVED that, all remaining funds allocated to the Cloud Seeding Program in  
37 Fiscal Year 2024 (FY24) are authorized for expenditure from the Secondary Aquifer Planning,  
38 Management, and Implementation Fund, subject to approval by the IWRB's Cloud Seeding Committee.  
39

DATED this 21<sup>st</sup> day of July, 2023.

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JEFF RAYBOULD, Chairman  
Idaho Water Resource Board

ATTEST \_\_\_\_\_  
DEAN STEVENSON, Secretary

Resolution No. \_\_\_\_\_

# Memorandum



To: Idaho Water Resource Board  
From: Neeley Miller, Planning & Projects Bureau  
Date: July 15, 2023  
Re: Aging Infrastructure Grant Program Update

Action: No action needed at this time

During its 2022 session, the Idaho legislature appropriated \$25,000,000 to the IWRB to be used to improve aging water infrastructure. The IWRB held two round of funding awards in FY 2023 using criteria that was developed by staff and adopted by the IWRB.

On September 16, 2022 the IWRB authorized a resolution awarding \$12.5 million for 12 aging infrastructure projects throughout Idaho.

Aging Infrastructure Funded Applications - Round One		
Entity	Total Project Costs	Awarded Funding
Bannock Feeder; Diversion Replacement	885,110	250,000
Big Lost; Dam Repair	9,082,856	2,000,000
Boise Project Board of Control - New York Canal Lining	7,330,000	2,418,900
Chester Canal & Irrigation Company; Diversion Headgate	129,238	29,725
Dalton Gardens Irrigation District; Delivery Improvements	69,000	23,460
Enterprize Canal Company; Converting Canal to Pipeline	8,291,597	2,736,227
Falls Irrigation District; Pump Station Rehab	9,095,000	200,588
Fremont Madison Irrigation District; Upgrades to Diversion	232,874	58,200
King Hill Irrigation District; Pump Station & Closed Conduit	6,154,187	1,980,259
Nampa-Meridian Irrigation District; Ridenbaugh Modernization	9,637,000	1,820,048
North Side Pumping Company; pump station/canal	4,138,388	951,800
Water District 63; Monitoring System Upgrades	133,883	30,793
	<b>\$55,179,133</b>	<b>\$12,500,000</b>

On January 20, 2023 the IWRB authorized a resolution awarding \$12.5 million for 18 aging infrastructure projects throughout Idaho.

<b>Aging Infrastructure Funded Applications - Round Two</b>		
<b>Entity</b>	<b>Total Project Costs</b>	<b>Awarded Funding</b>
WRV Board of Control - diversion 45 rehab	1,030,024	309,000
Falls Irrigation District - pump station rehab	9,095,000	2,000,000
Cub River Irrigation Company - pump station project	5,951,000	1,000,000
Nampa Meridian Irrigation District - modernize canal diversion	13,388,370	1,866,116
Curran Ditch Users Association - pipeline project	70,000	16,100
HFF Conant Creek - canal lining & automation	2,172,444	499,145
Island Ward Canal Co - replace main diversion headgate & automation	47,781	11,945
Northside Canal Co - canal lining	7,342,600	2,000,000
King Hill Irrigation District - cold springs pipe project	2,773,364	828,501
Twin Falls Canal Co - canal lining (Highline)	818,490	245,547
Big Lost Irrigation District - canal lining	3,100,000	900,000
Boise City Canal Co - Headgate modernization	366,000	122,000
Hat Butte Mutual Canal Co - pipeline project	282,025	78,965
Solenberger Ditch Co - headgate replace and relocation	9,000	3,000
Sunnydell Irrigation District - diversion structure modernization	107,940	30,233
Twin Falls Canal Co - measure box improvements (Rubicon)	146,791	44,037
Burley Irrigation District - replace structure	2,700,000	891,000
Hayden Lake Irrigation District - replace and relocate main pipeline	6,180,000	1,654,411
	<b>\$55,580,829</b>	<b>\$12,500,000</b>

During their 2023 session the Idaho legislature appropriated an additional \$50,000,000 to the IWRB to be used to improve aging water infrastructure.

On May 19, 2023 the IWRB Board set new timelines for soliciting applications for the next two rounds of Aging Infrastructure Grant proposals in fiscal year 2024. The first-round application period is now open for a total of \$12.5 million in projects statewide. Applications are due by Aug. 4. Applications for the second round in fiscal 2024 are due Dec. 1, 2023, for \$12.5 million in projects statewide. The IWRB anticipates holding an additional two rounds (\$12.5 million each round) of grant funding in FY 2025.

The [Aging Infrastructure Grant Program](#) webpage has been updated with these dates. We have started to add project profiles for each funded project to the webpage.

## **Modernizing Idaho's Water Infrastructure Project Profiles**

[King Hill Irrigation District](#)

[Water District #63](#)

[Chester Canal & Irrigation Co.](#)

[Bannock Feeder Canal Company](#)

[Solenberger Ditch Company](#)  
[Hat Butte Canal Project](#)

We have developed a [Financial Programs Statistics](#) page that includes statistical information on grants and loans. Additionally, we have developed an [ESRI Map](#) with grant and loan locations.

**Attachment:**

Grant Timeline

### **Selected 2023/2024 Calendar Year Grant Activities**

[illegible]



# Proposed Clearwater Fish Hatchery Pipeline

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## Conceptual Cost Estimate

Prepared by IDWR

July 20, 2023



# Clearwater Fish Hatchery Pipeline



## Legend

- Proposed Pipeline to Clearwater Fish Hatchery
- Proposed Pipeline to Dworshak National Fish Hatchery
- Existing High Pressure 18" & 36" Pipelines
- Existing Pipeline to CFH
- Clearwater Fish Hatchery





# New Clearwater Hatchery Pipeline/Powerplant

## Conceptual Cost Estimate

Construction Item	Cost
Clearwater Hatchery Pipeline & Intake	\$41.1 Million
Distribution Box	\$ 3.9 Million
3.0 MW Powerhouse	\$ 9.0 Million
Dworshak Hatchery Pipeline	\$ 1.7 Million
Contingency (25%)	\$13.9 Million
<b>Total Construction Cost</b>	<b>\$69.6 Million</b>

# Power Generation Revenue Conceptual Cost Estimate

30-Year Power Generation Item	Value
Generation Revenue	\$17.9 Million
3.0MW Powerhouse	-\$ 9.0 Million
Operations and Maintenance	-\$ 2.0 Million
Capital Replacement	-\$ 0.9 Million
<b>30 Year Expected Net Revenue</b>	<b>\$ 6.0 Million</b>



IDAHO DEPARTMENT OF  
**WATER RESOURCES**

# NORTHERN REGION UPDATE

BY MICHELLE RICHMAN

JULY 20, 2023





## PURPOSE:

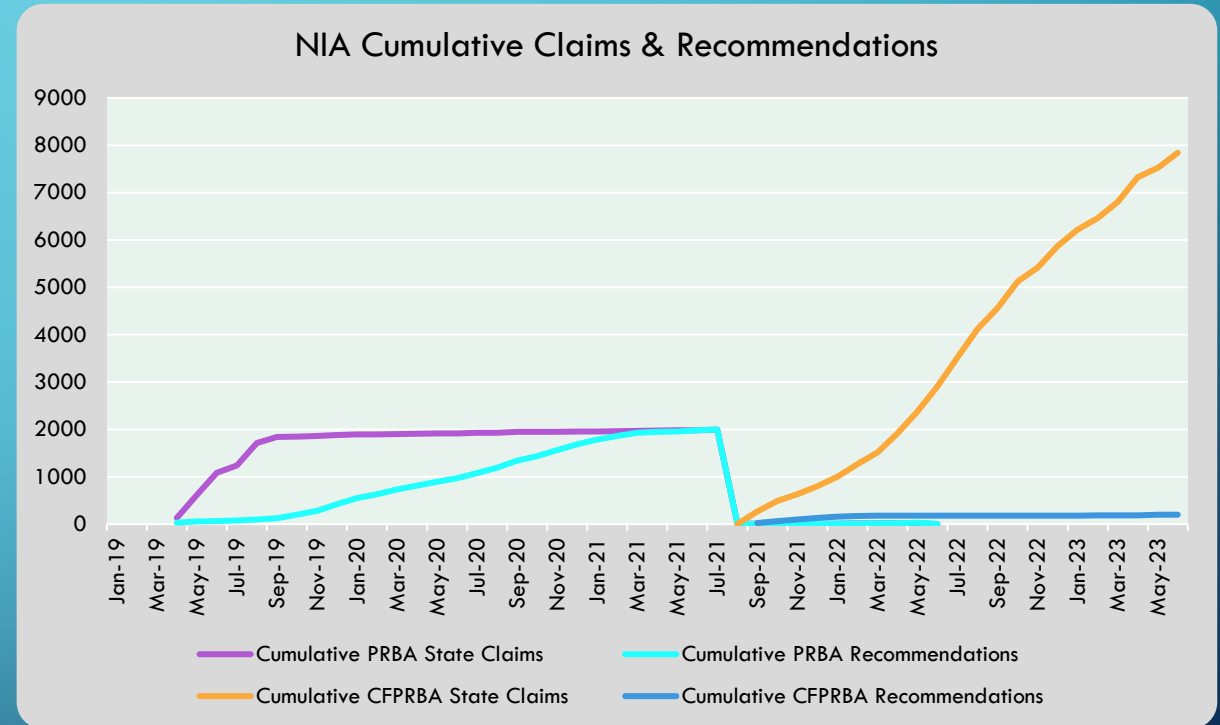
- To provide updates for each of the programs at Northern Region
- To convey Northern Region priorities



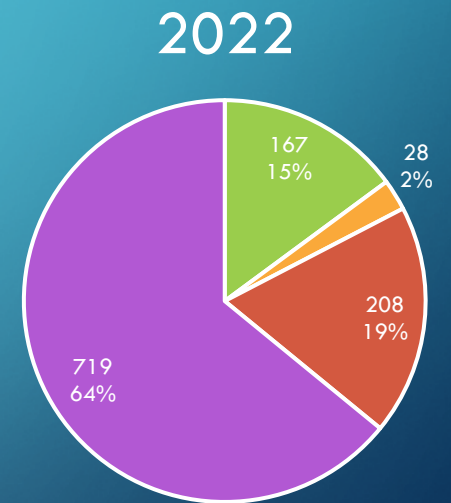
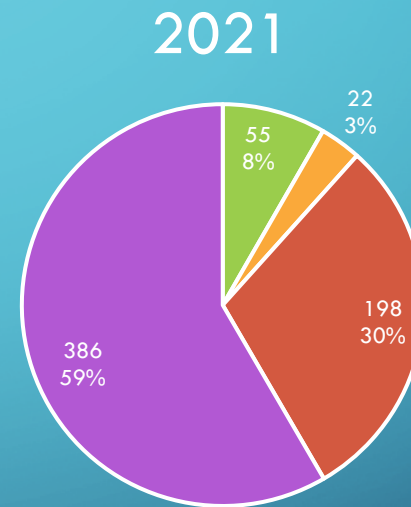
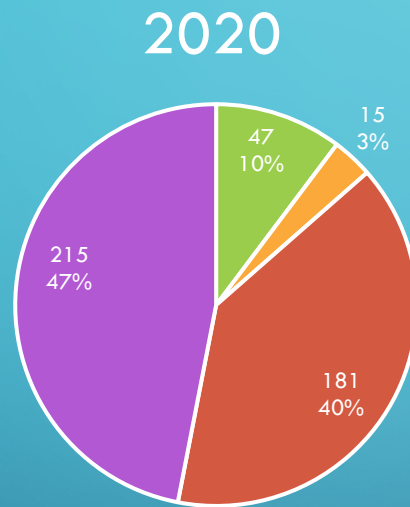
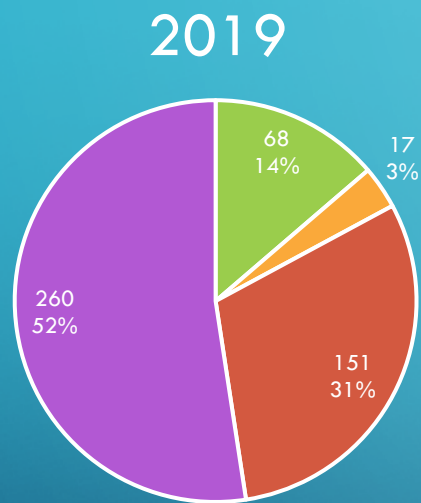


# COMPARISON CFPRBA AND PRBA

- Nearly 8000 claims for CFPRBA
- Two workshops in Sandpoint: April 2023 and May 2022
- Two agents started 1 year ago
- Milestone - filing deadline for CFPRBA was June 23, 2023



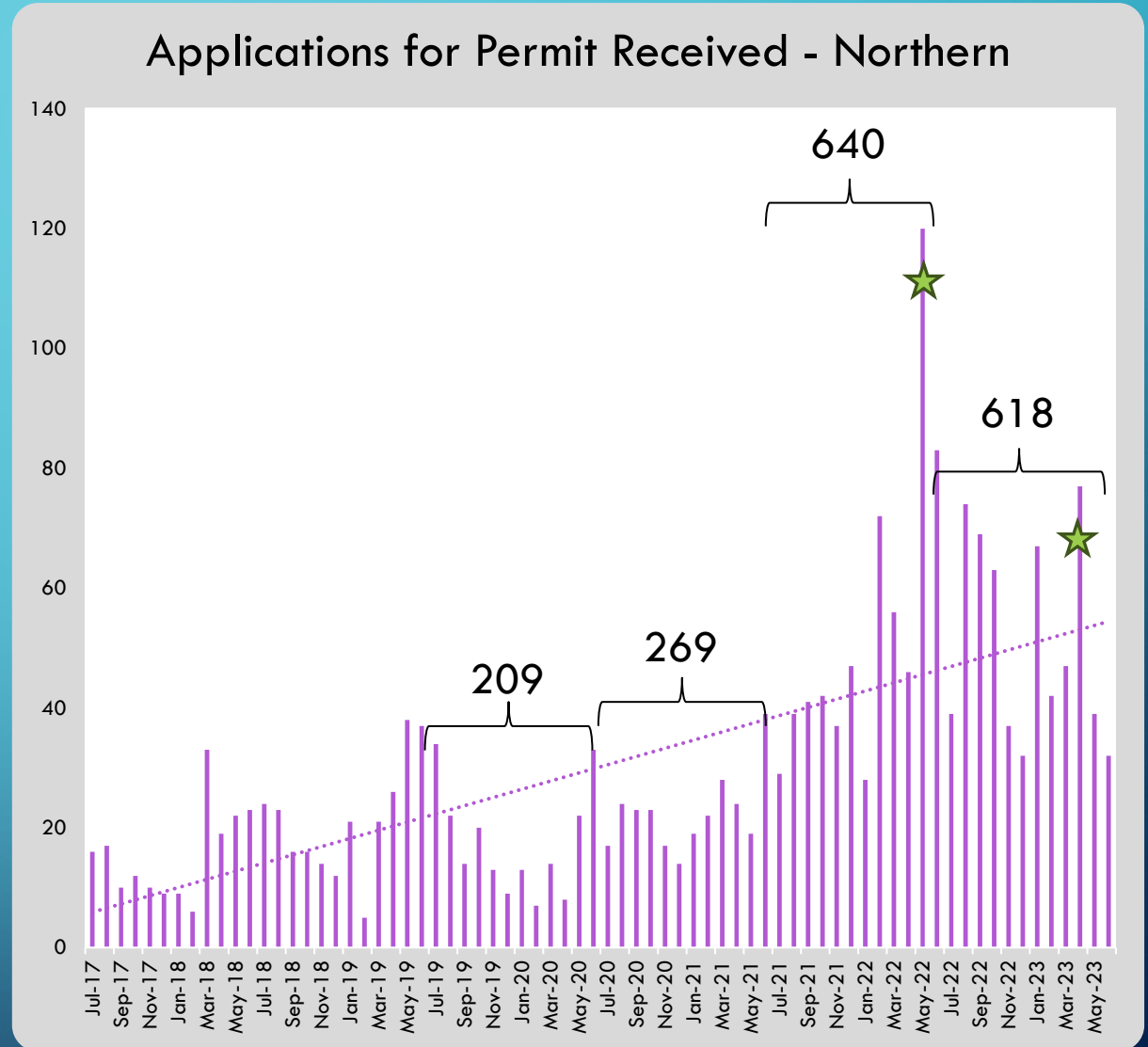
# APPLICATIONS FOR PERMIT RECEIVED BY REGION



Large permitting workload at Northern

# WATER RIGHT PERMITS

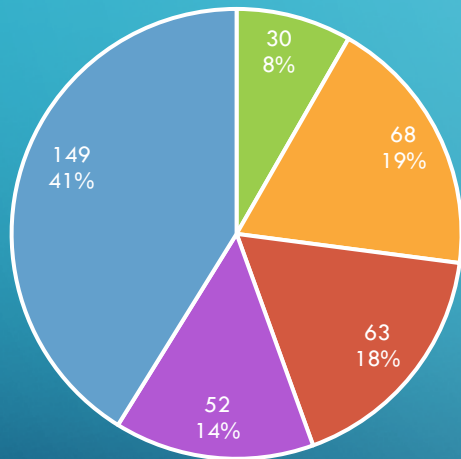
- Adjudication impacts permits
- Drastic increase permit workload in last two years
- Staffing issues
- RAFN applications



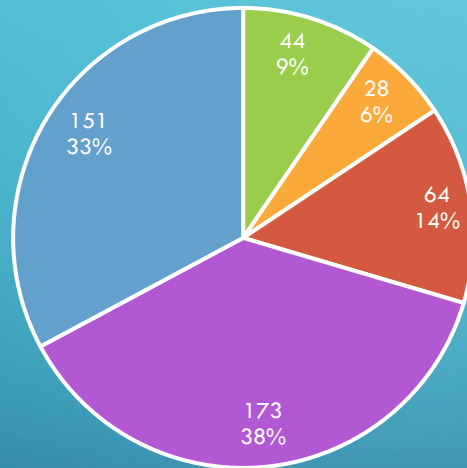


# WATER RIGHT LICENSES ISSUED BY REGION

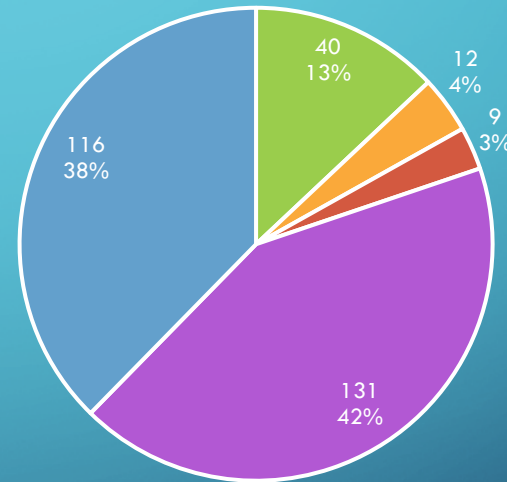
2019



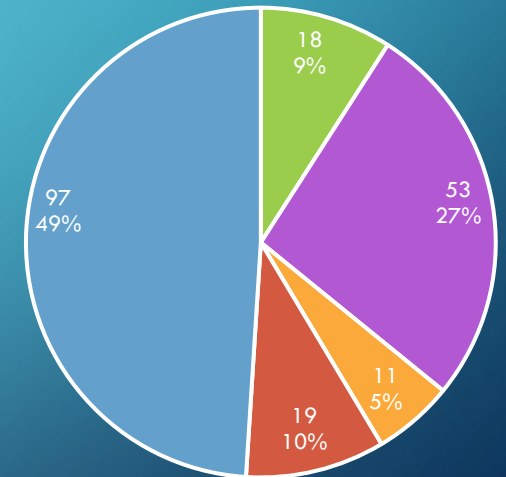
2020



2021



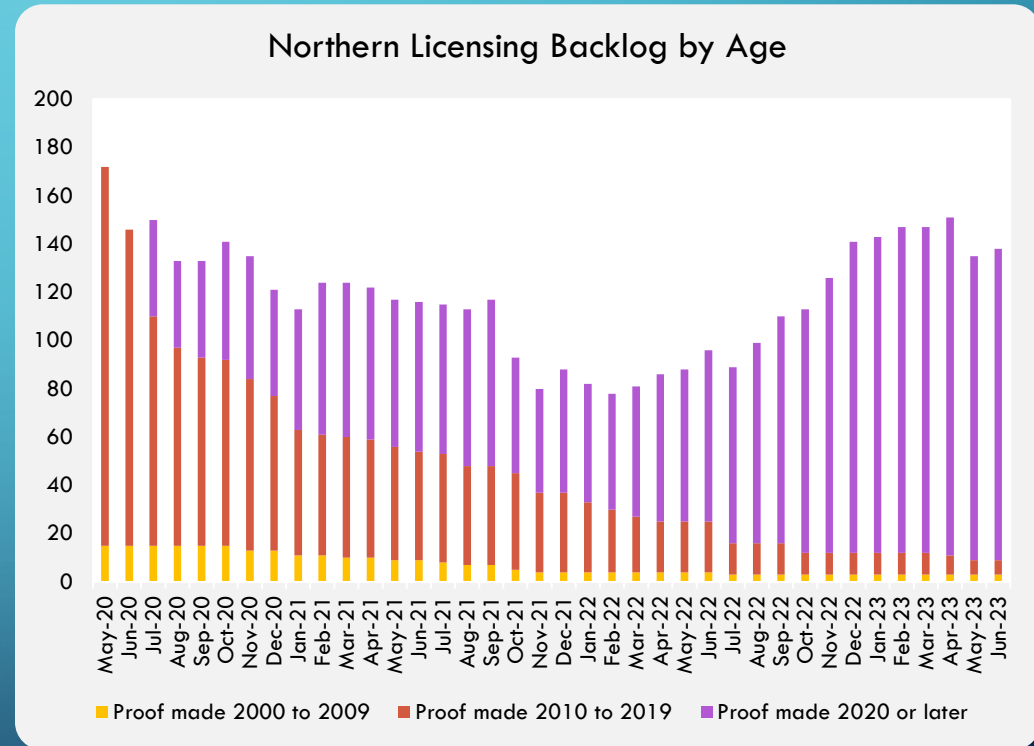
2022



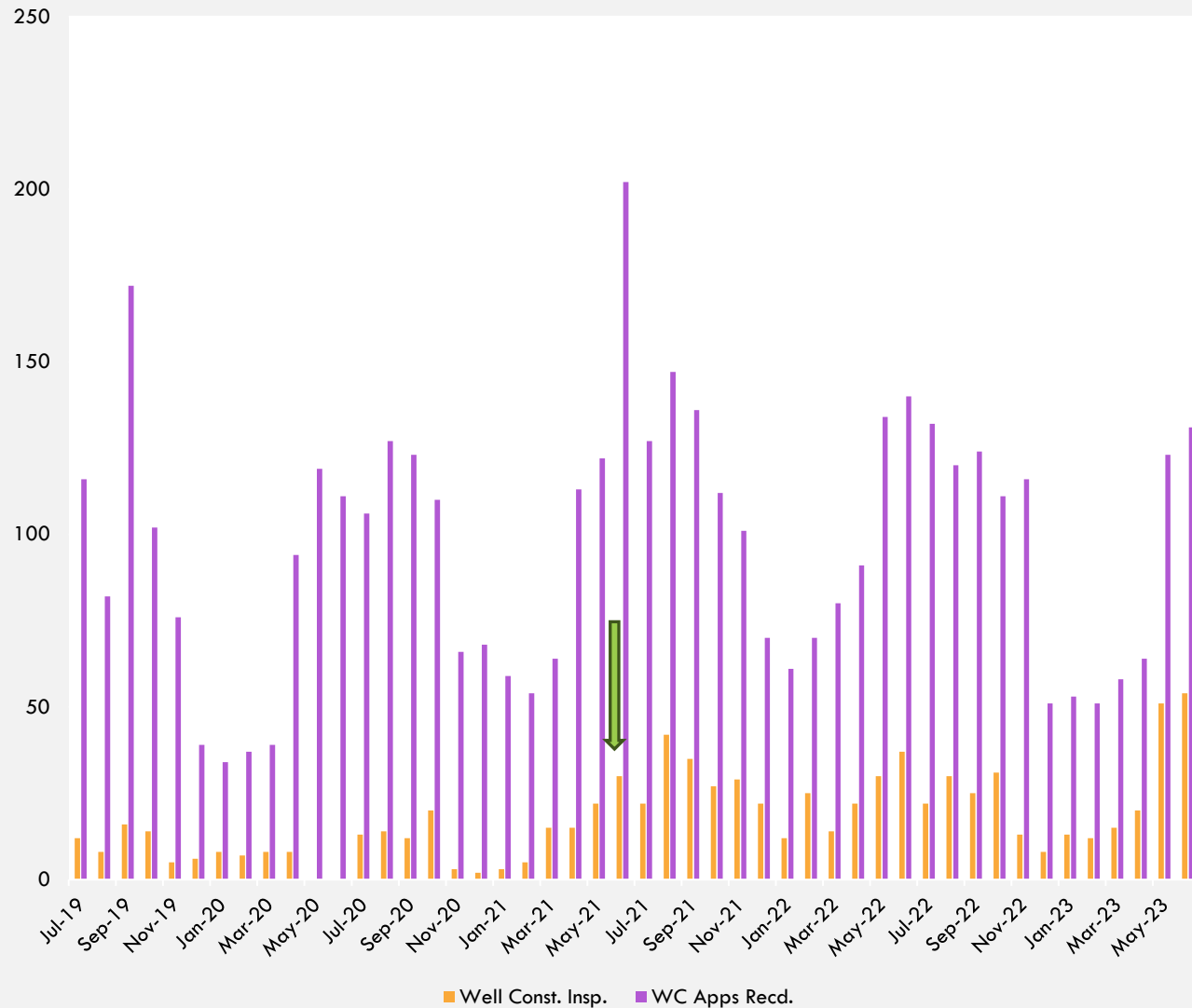
- Eastern
- Southern
- Western
- Northern
- State Office

# WATER RIGHT LICENSES - NORTHERN

- Focus on eliminating oldest from backlog
- Current backlog contains recent filings



Well Construction Applications Received & Inspections

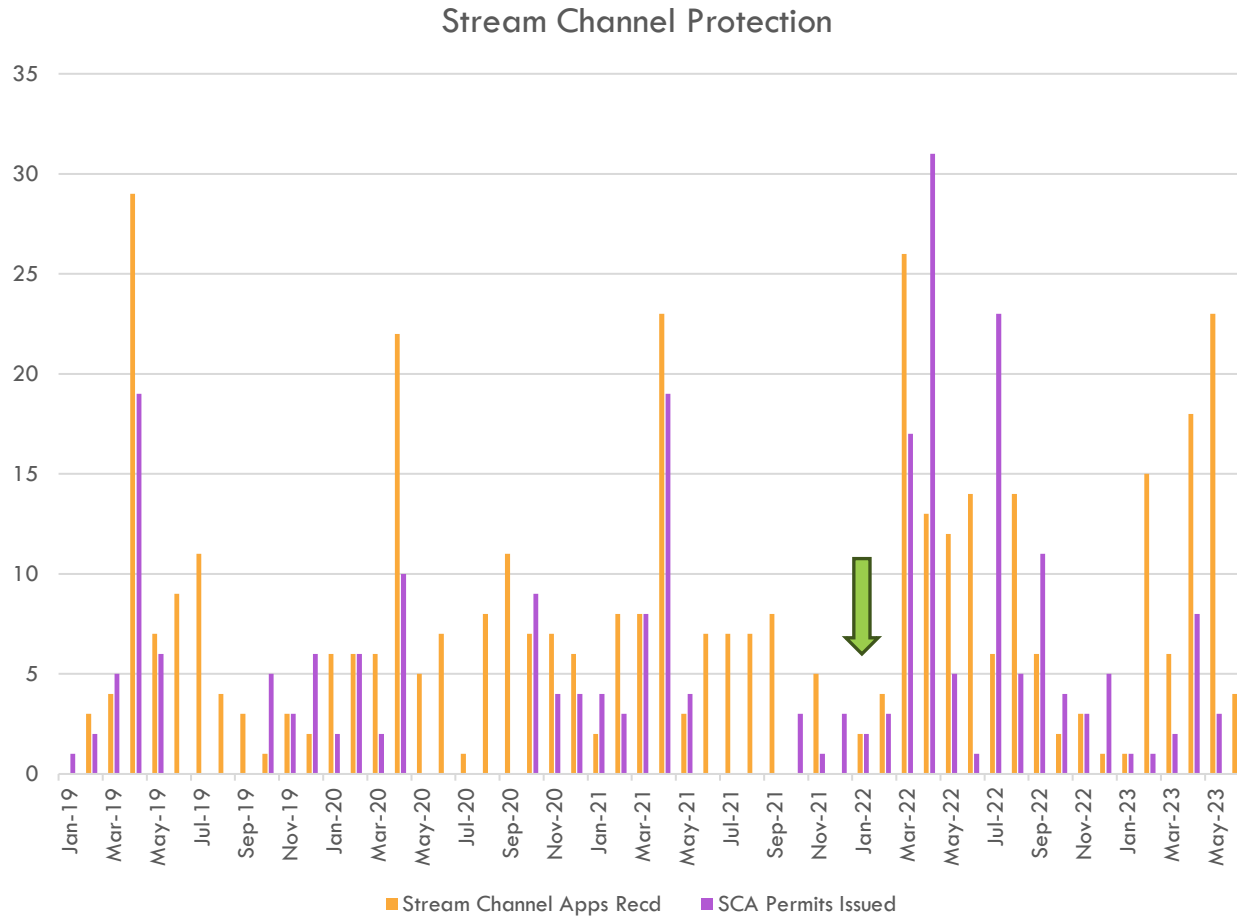


## WELL CONSTRUCTION

- Scott started in May of 2021
- Good rapport with drillers, presentation
- Inspection rates of 39% exceed the strategic benchmark

# STREAM CHANNEL PROTECTION PROGRAM

- New specialist in January 2022
- Neighborly complaints (daily)
- 60-day turn-around time

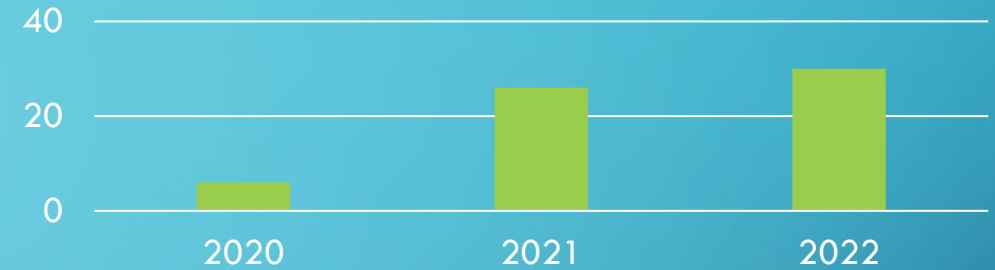




# NORTHERN REGION PUBLIC COMMENT

- Increase in Protested Applications
- Latah County (2021)
- Idaho Fish and Game (Basins 96-97, 2022)
- NOAA – Natl. Marine Fisheries Service (Clearwater Basins 81-86)
- Priest River Watershed Group

Protested Applications – N. Region



Priest River below Outlet Dam



# DAM SAFETY

- Inspections — shared effort with staff elsewhere in Dept.
- Mine Tailings Impoundment Structures



Spring Valley Dam near Troy, ID



# HYDROGEOLOGY

- Characterization of the aquifers – high priority
- Increased monitoring and expansion of network - goal
- New Staff





# REGIONAL SUCCESSES

- Fast-paced work environment
- Capable, productive staff of 14+2
- Navigating frequent changes –  
4<sup>th</sup> RM in 10 years
- Adjudication milestone achieved



Location: Clearwater River near Orofino



# REGIONAL CHALLENGES



- Hiring challenges and vacancies
- Continued workload management as region responds to growth and staffing issues



# NEXT STEPS FOR NORTHERN

- Adjudication recommendations and allocations filings
- RAFN applications – Water Providers
- Expanded hydrogeologic monitoring
- Public outreach



Deer Creek Dam, East of Dworshak Dam

# Memorandum

To: Idaho Water Resource Board  
From: Daniel Sturgis, Technical Hydrogeologist, Northern Region  
Date: July 17, 2023  
Re: Northern Idaho Aquifer Update – July IWRB meeting



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## NO ACTION REQUIRED

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IDWR's Northern Region will be providing the Idaho Water Resource Board with a groundwater resource status update of select areas in the Northern Region. Areas of focus will include the Rathdrum Prairie Aquifer, the Palouse Basin Aquifers, and the Lewiston Plateau Aquifers. Information will include long-term water level trends and issues related to the long-term sustainability of groundwater resources in the Northern Region.

Information provided during the presentation will be used as a starting point for a more in-depth discussion of the Palouse Basin during the afternoon field trip.



IDAHO DEPARTMENT OF  
**WATER RESOURCES**

# Update on Groundwater Conditions in the Northern Region

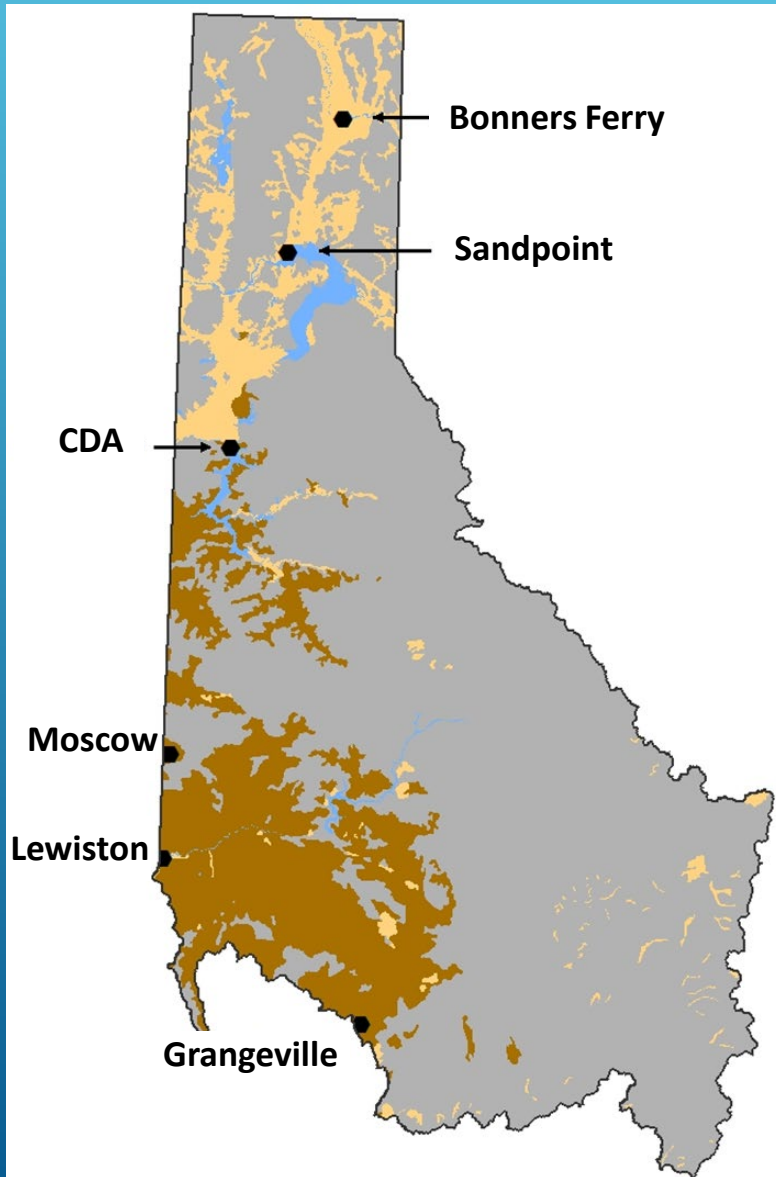
**Daniel Sturgis, P.G. Hydrogeologist**  
**Idaho Department of Water Resources**  
Northern Regional Office  
7600 N Mineral Drive, Suite 100  
Coeur d'Alene, ID 83815-7763  
Phone: (208) 762-2806

# Topics for Today

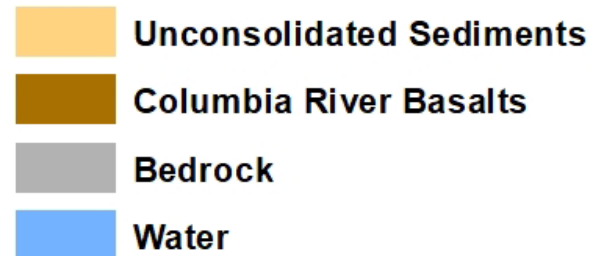
- General Hydrogeology of the Region
  - IDWR's Groundwater Monitoring Network for the Region
  - Update on the Palouse Basin
  - Update on the Rathdrum Prairie
  - Update on the Lewiston Plateau
- 
- A series of four parallel white diagonal lines in the bottom right corner of the slide, pointing towards the top right.

# General Groundwater Source Types

- 75% Fractured Bedrock
- 18% Columbia River Basalts
- 7% Unconsolidated Sediment



## General Aquifer Type





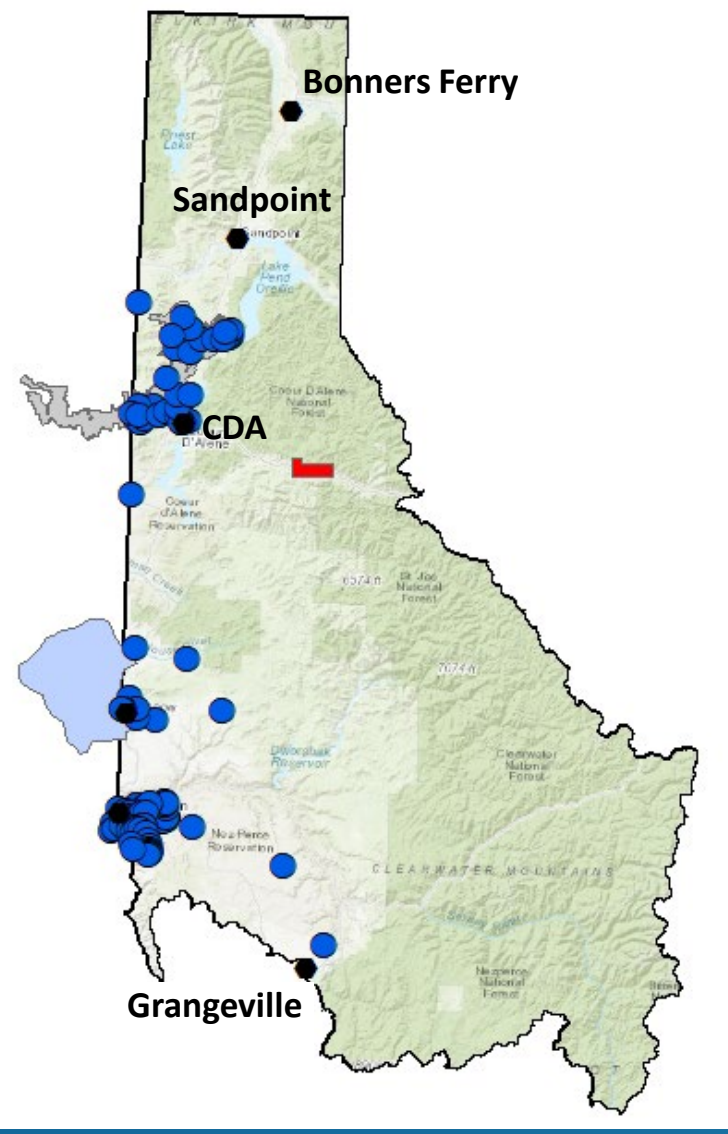
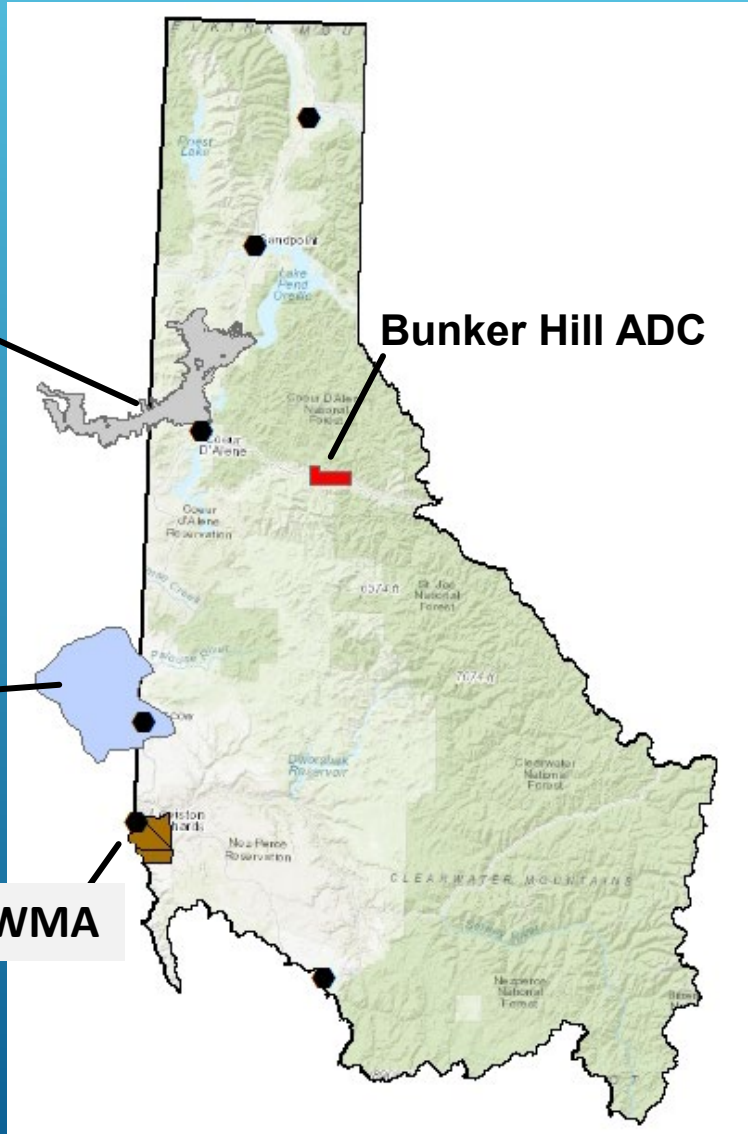
# Groundwater Management and Monitoring Network

**SVRP Aquifer and GWMA**

**Palouse Basin**

**Lewiston Plateau GWMA**

**Bunker Hill ADC**

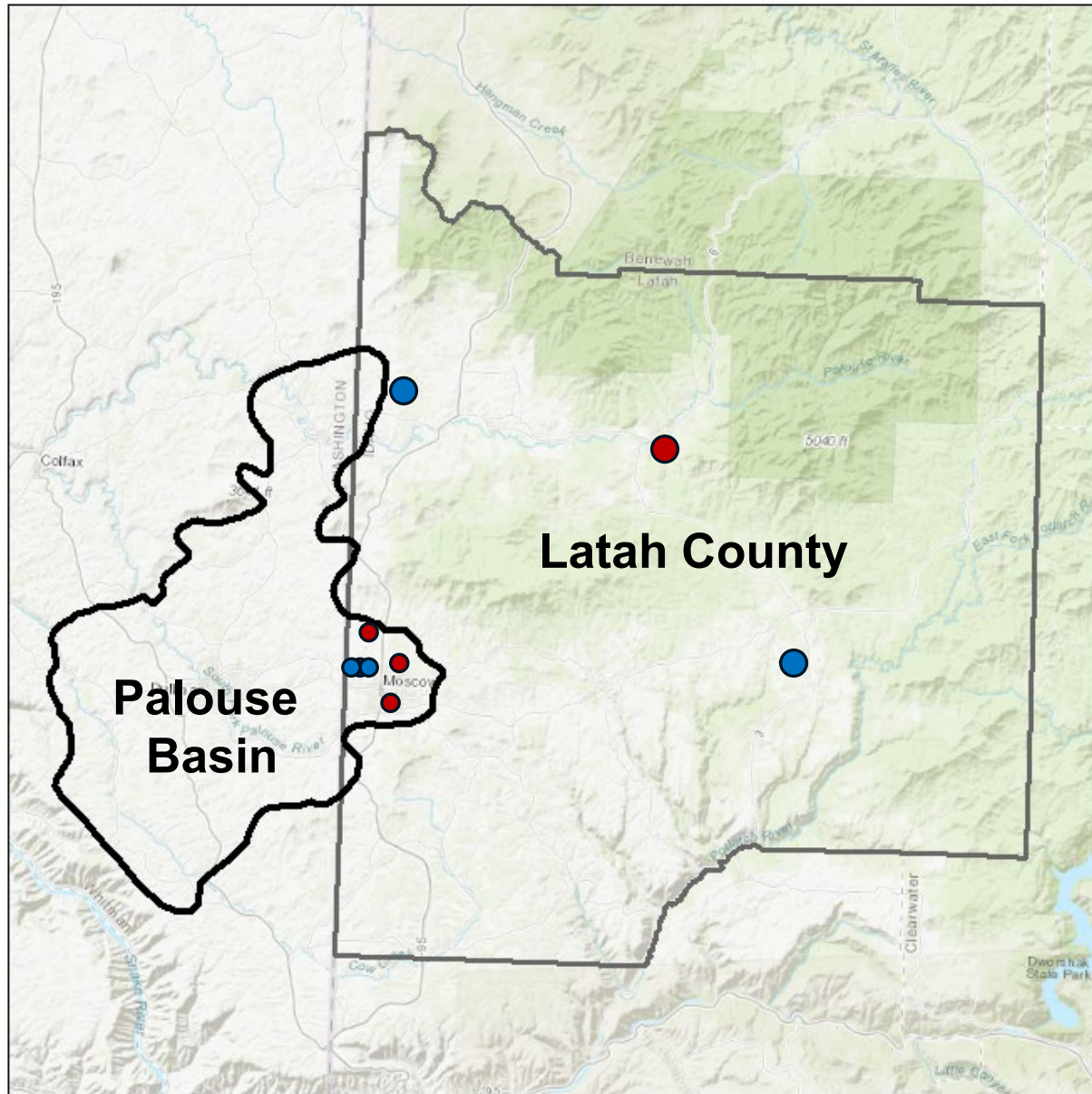


## Network

- 130 wells
- 85 transducers



# Palouse Basin and Latah County Groundwater Monitoring



- IDWR monitors 6 wells in Latah County
- PBAC monitors 12 wells around Moscow

● Active Monitoring  
● Inactive or Random Monitoring

# Aquifers of the Palouse Basin

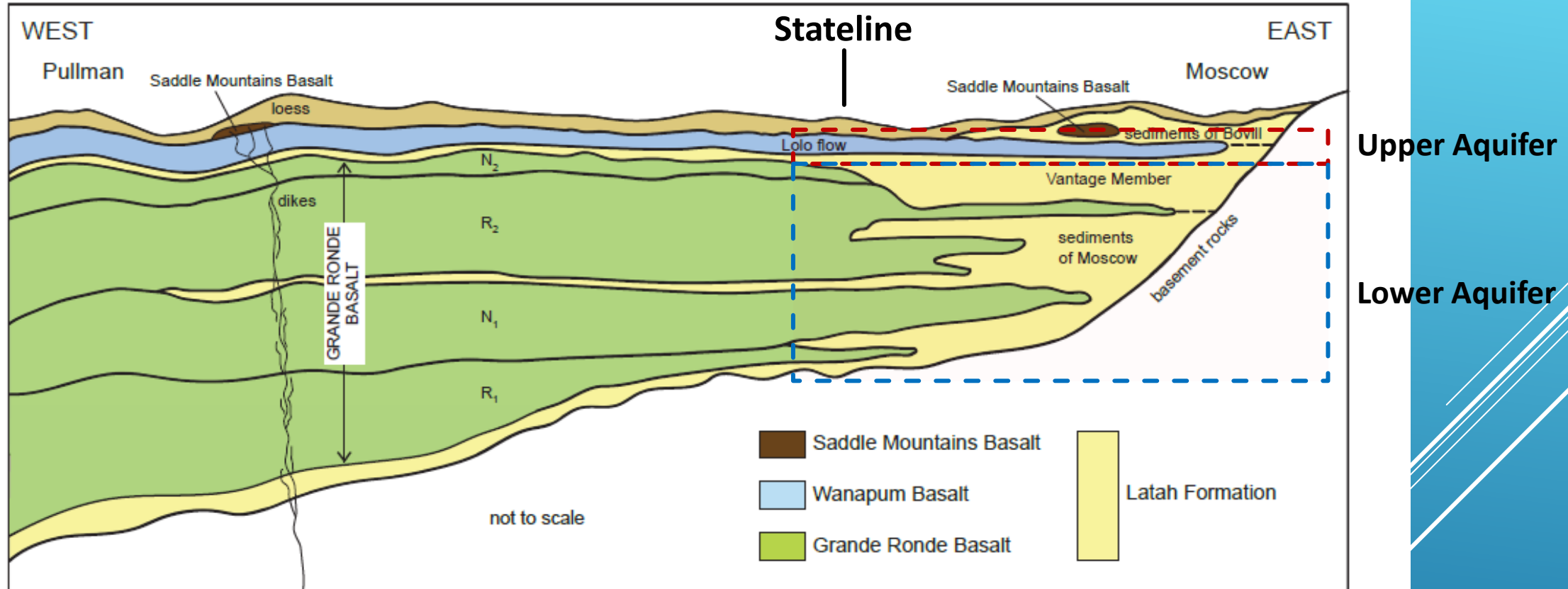
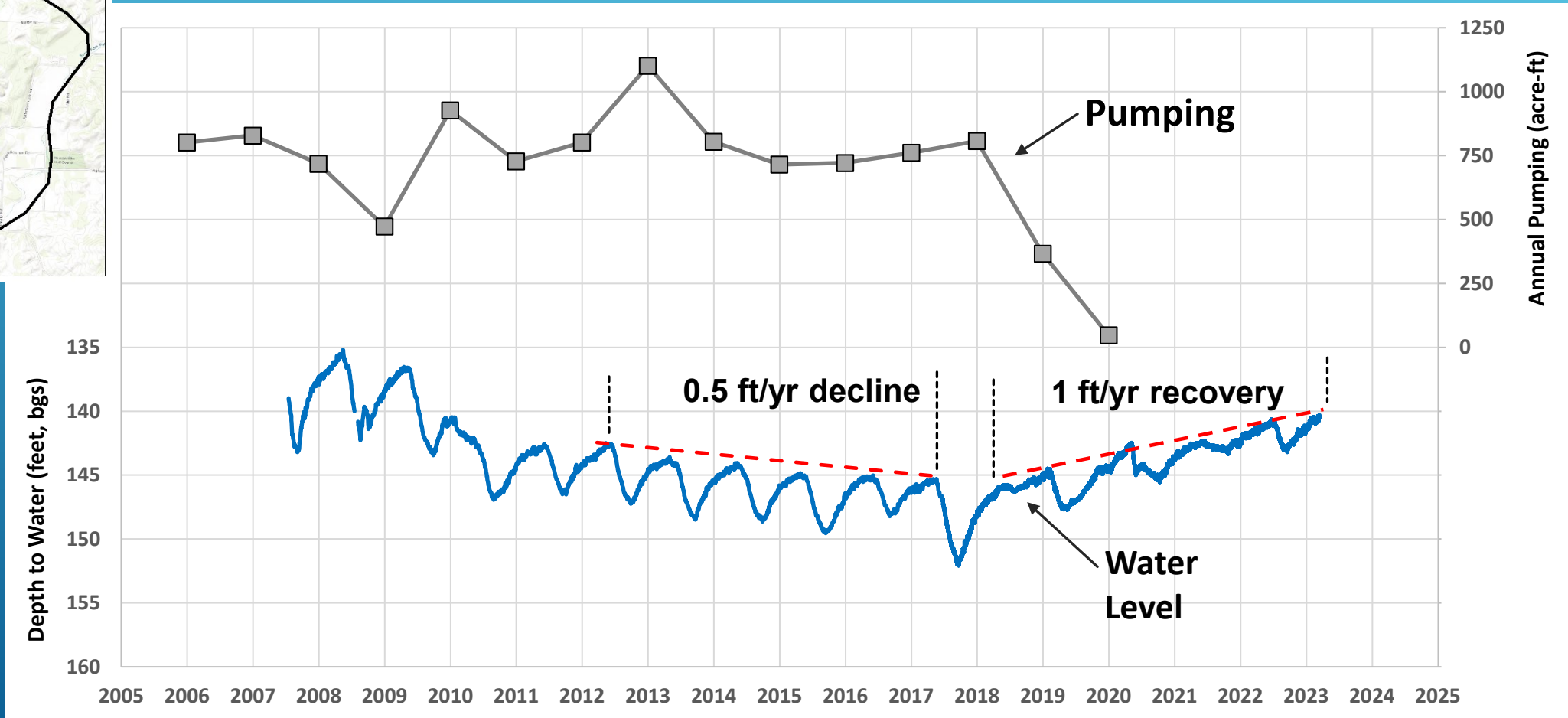
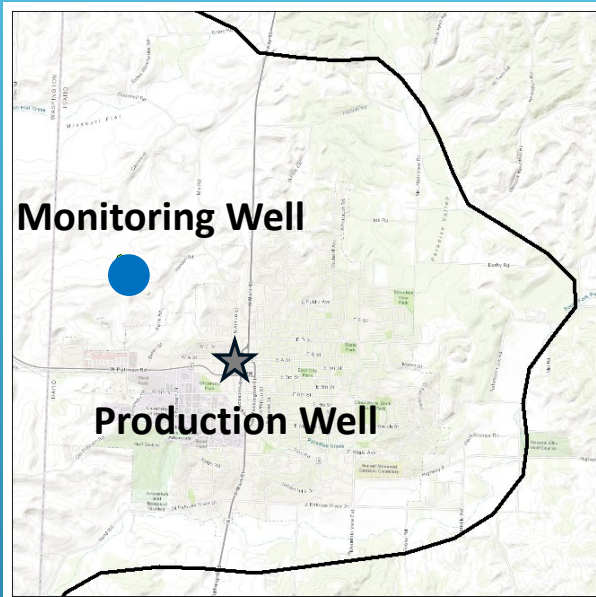


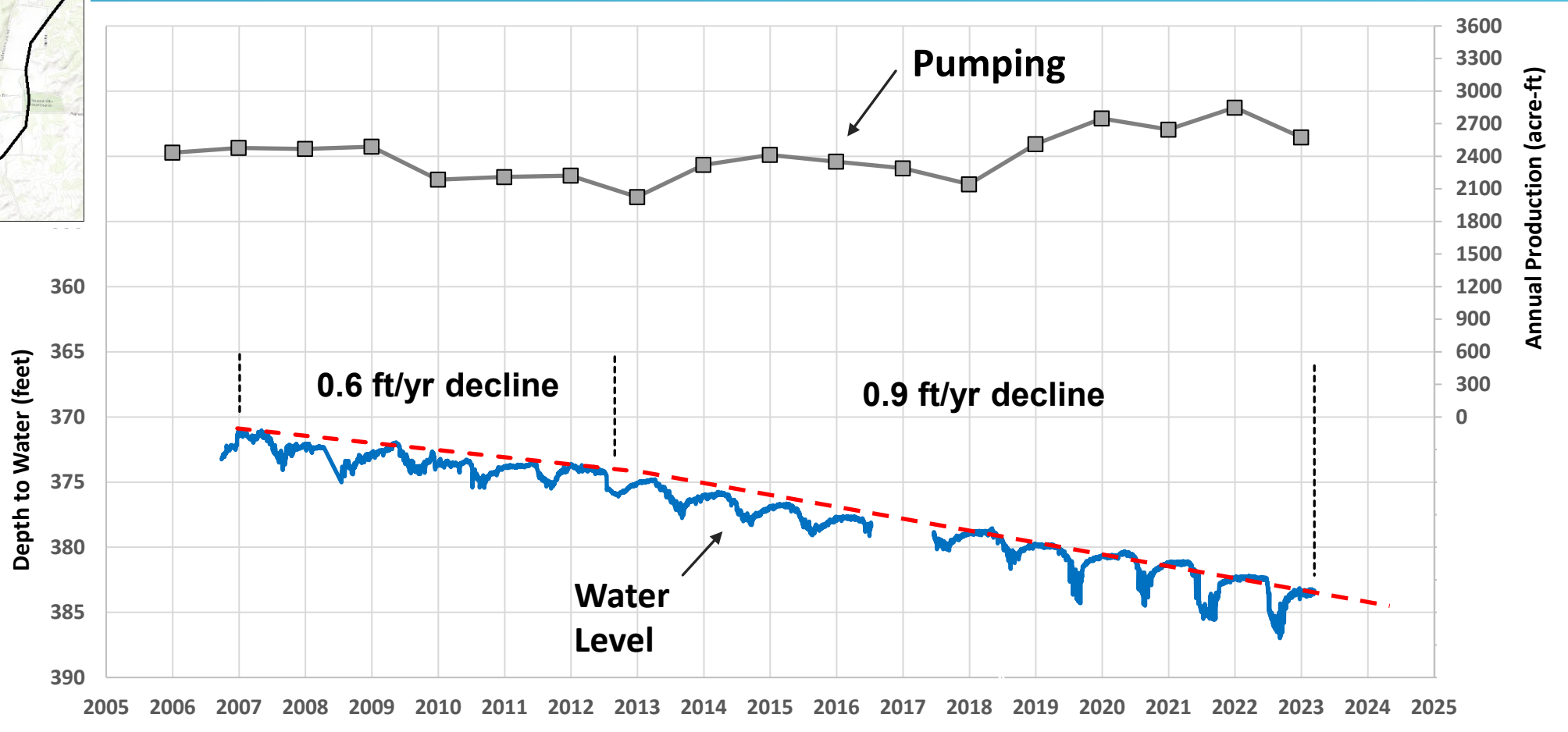
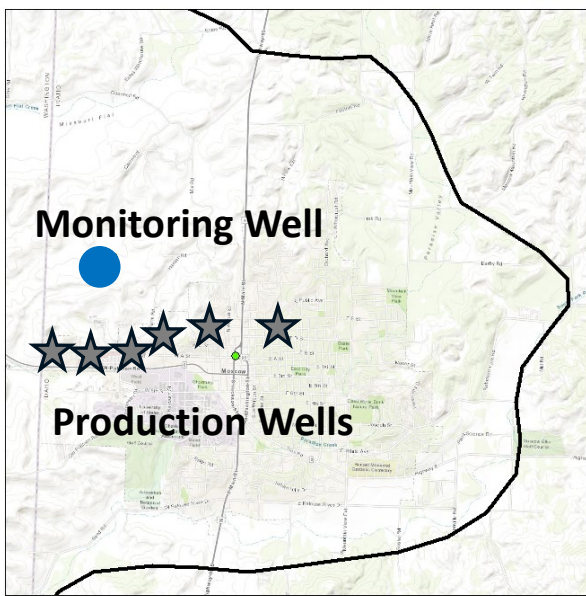
Figure 4. Generalized west-to-east geologic cross section from Pullman, Washington, to Moscow, Idaho; N, normal polarity; R, reverse polarity. Loess is a Quaternary deposit, all other formations are Miocene.

From Bush and Others, 2018

# Groundwater Levels and Trends – Upper Aquifer

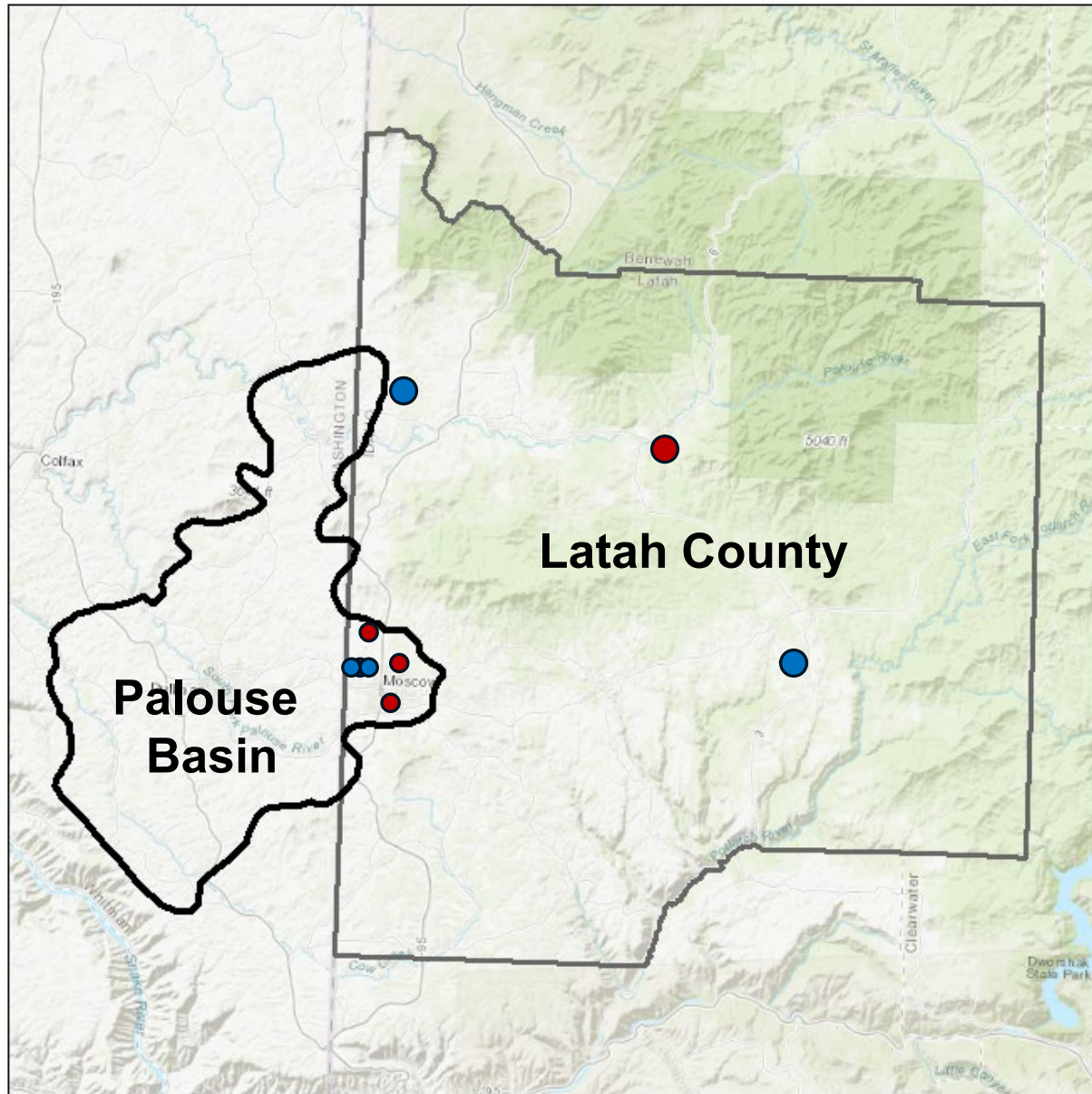


# Groundwater Levels and Trends – Lower Aquifer





# Palouse Basin and Latah County Groundwater Status Summary



- Upper Aquifer in Moscow is improving.
- Lower Aquifer in Moscow continues to decline.
- Rural areas of Latah County appear to be stable or higher than when the well was drilled.

- Active Monitoring
- Inactive or Random Monitoring

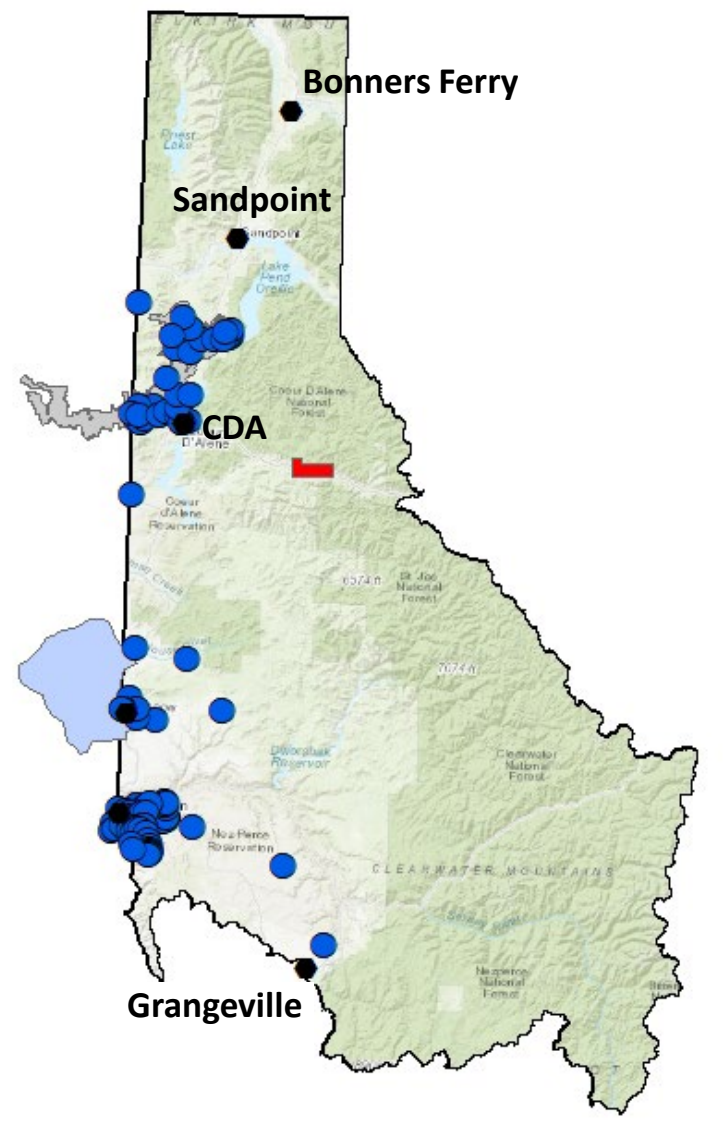
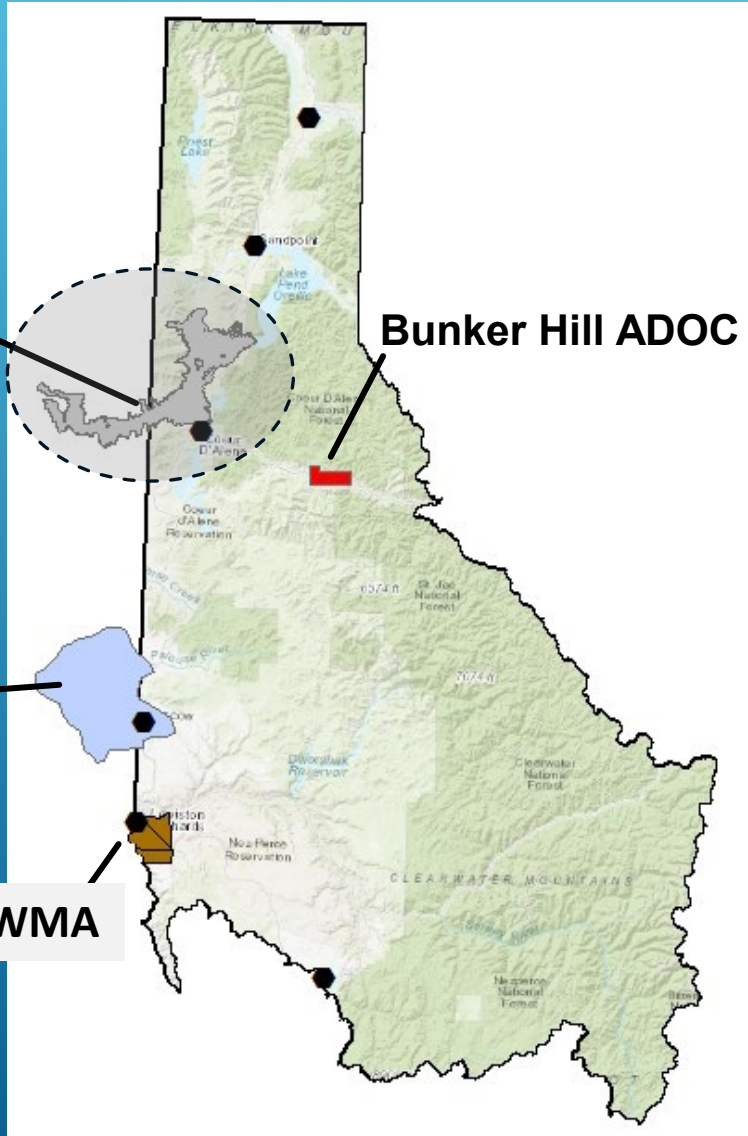
# Groundwater Management and Monitoring Network

**SVRP Aquifer and GWMA**

**Palouse Basin**

**Lewiston Plateau GWMA**

**Bunker Hill ADOC**



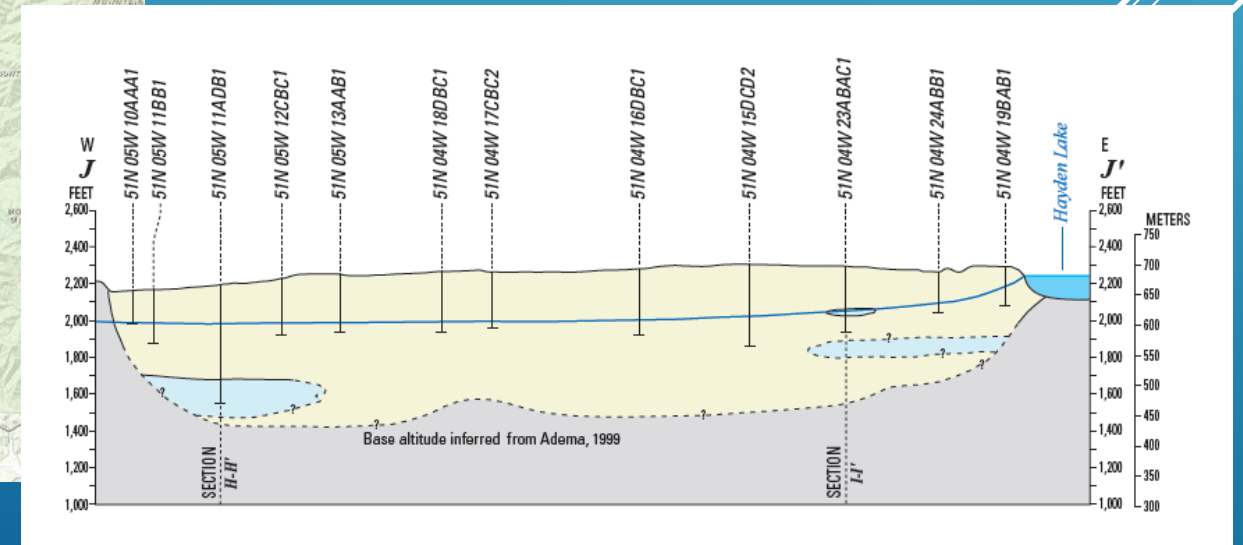
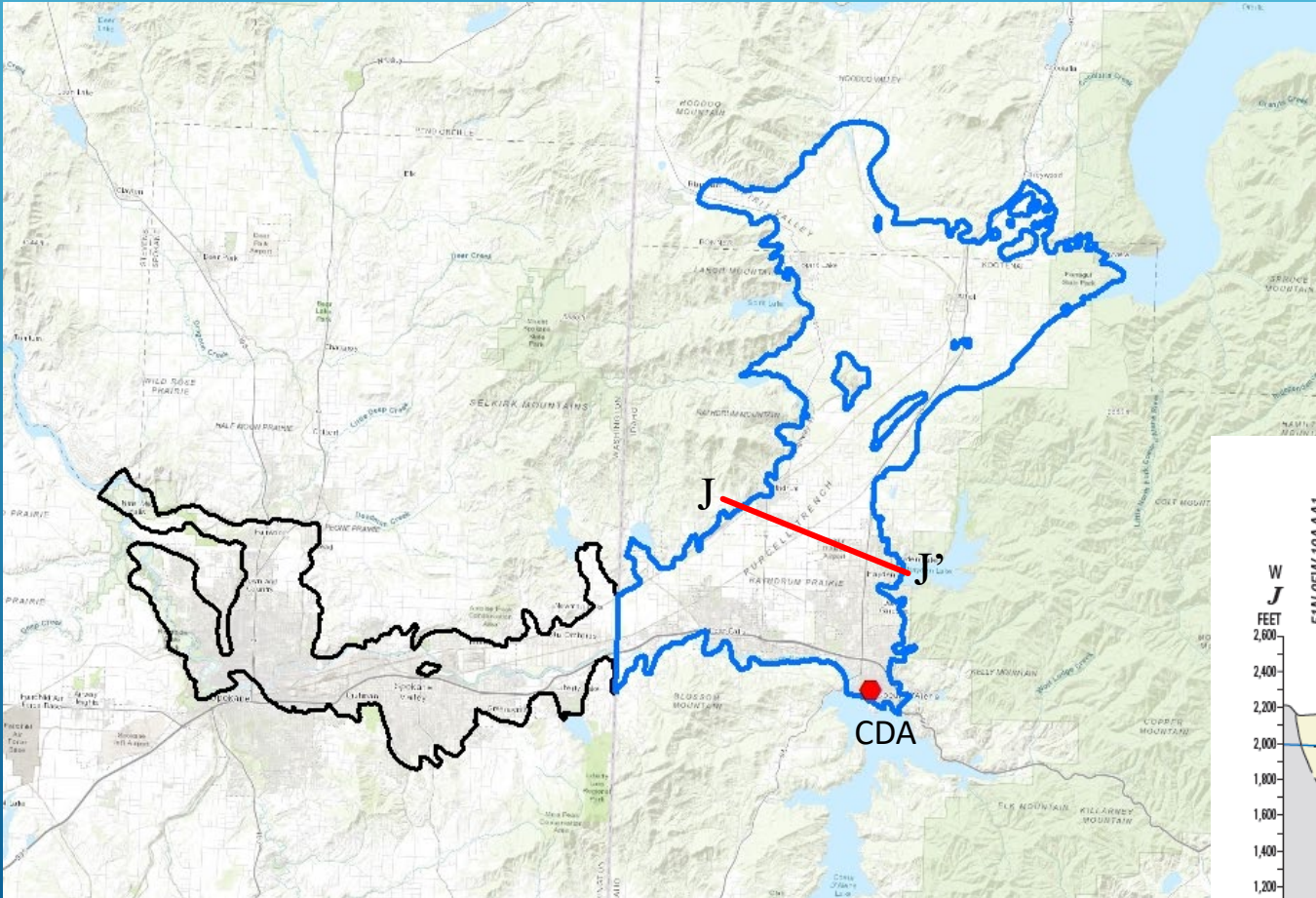
## Network

- 130 wells
- 85 transducers



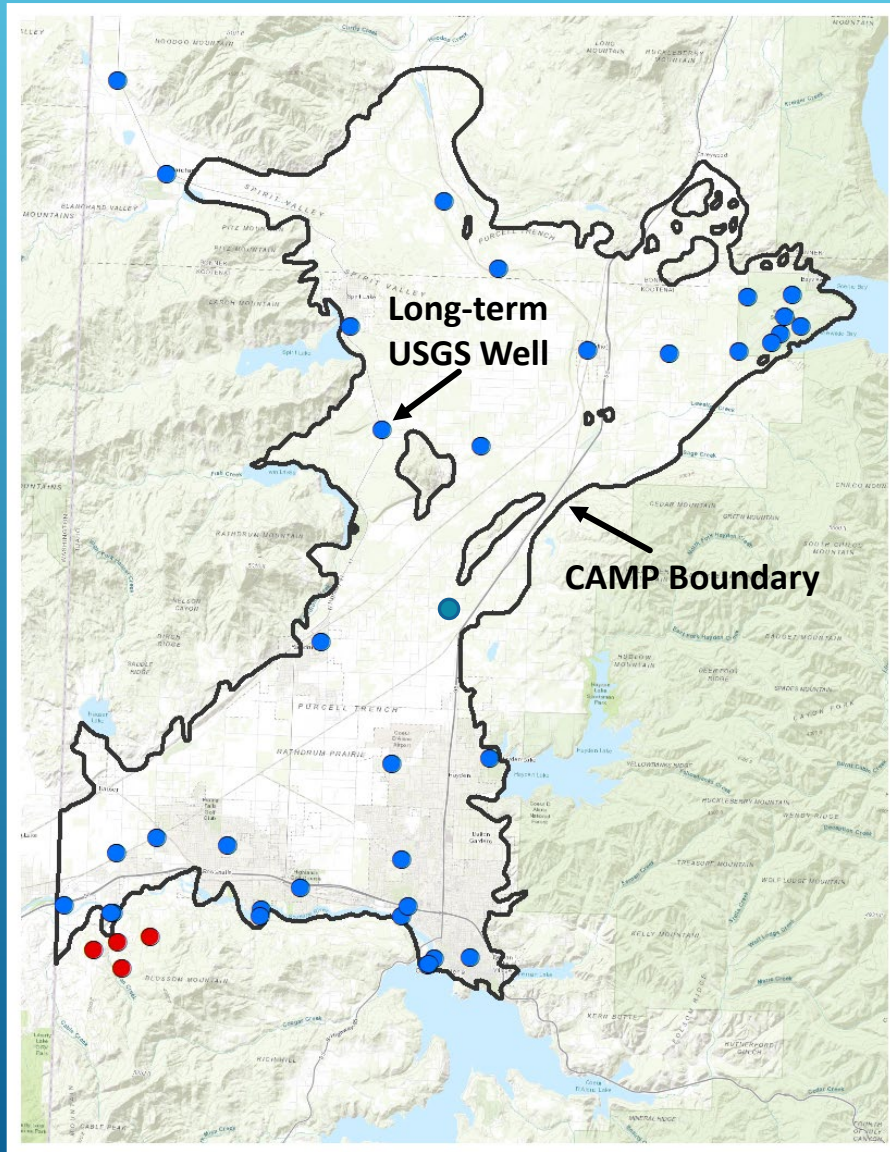
# Spokane Valley-Rathdrum Prairie Aquifer

- Rathdrum Prairie GWMA established in 2002
- Management plan adopted in 2005
- CAMP adopted in 2011
- Bi-State aquifer
- Water source for over 500,000 people
- Groundwater model developed in 2007





# Rathdrum Prairie GWMA Monitoring Network



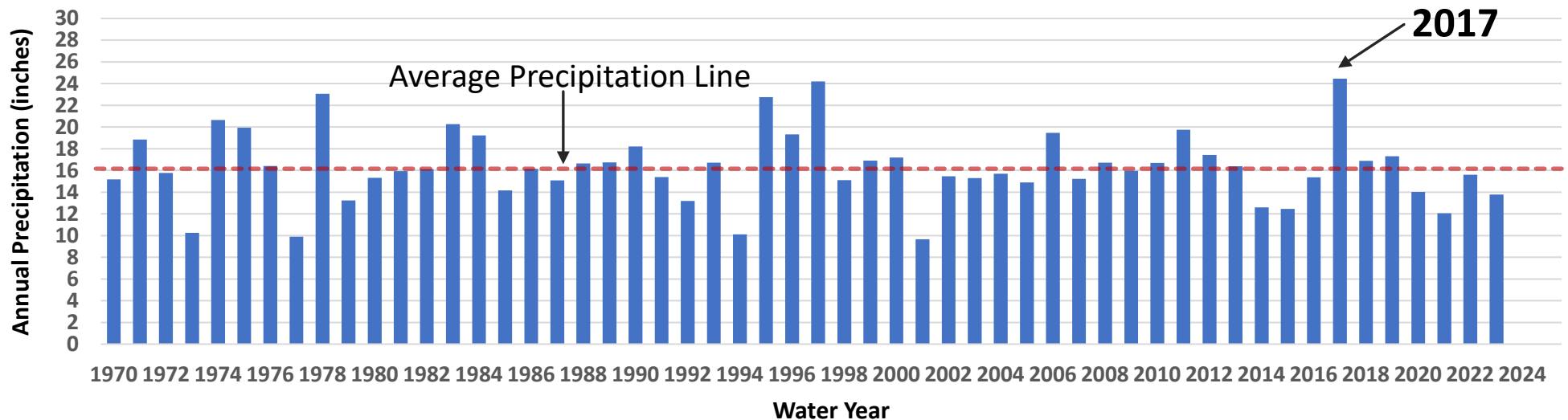
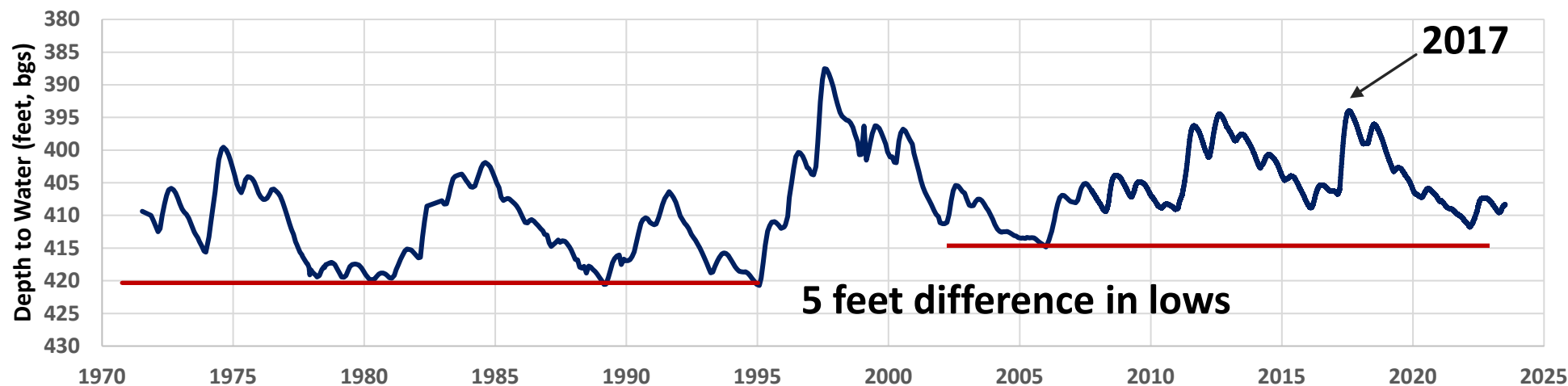
- IDWR monitors 39 wells in the area
- USGS monitors one well
- All monitoring wells in the Rathdrum Prairie area are equipped with transducers

## Monitoring Well Type

- Unconsolidated Sediment
- Fractured Bedrock

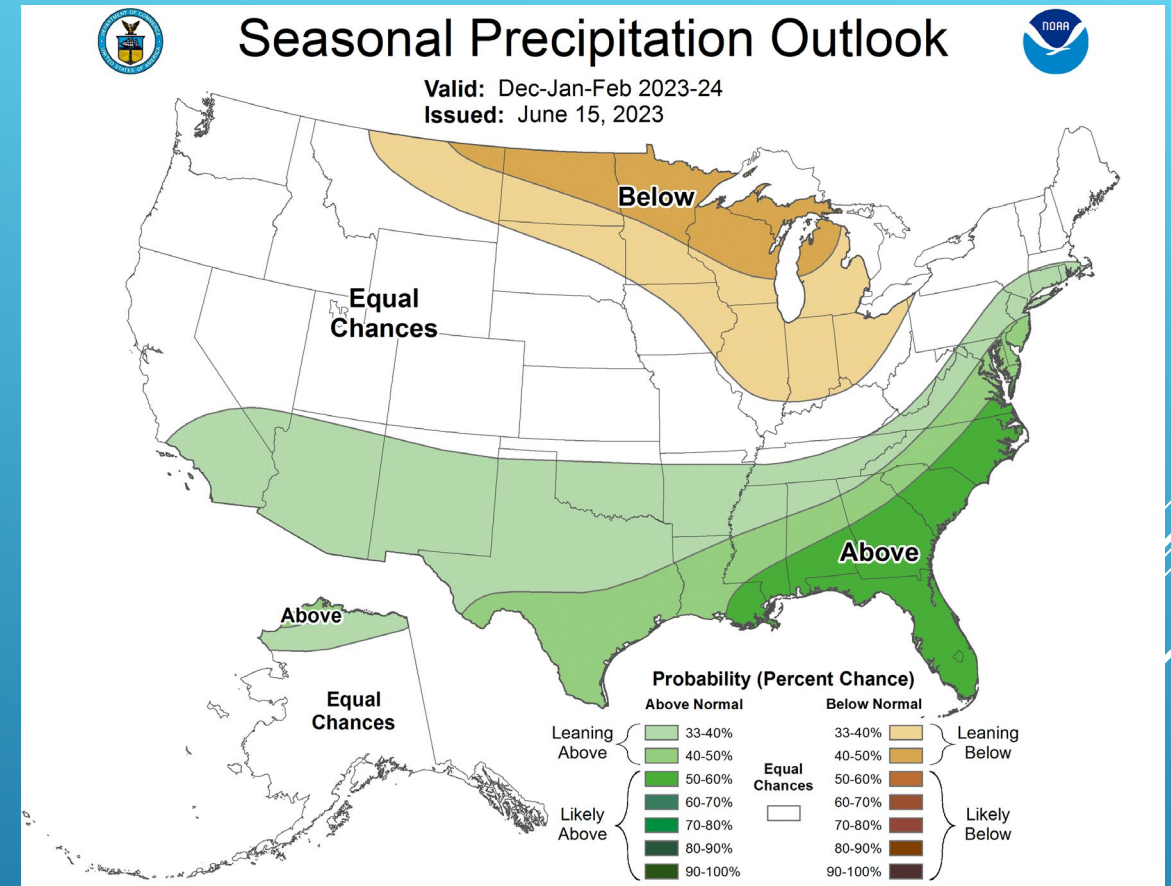
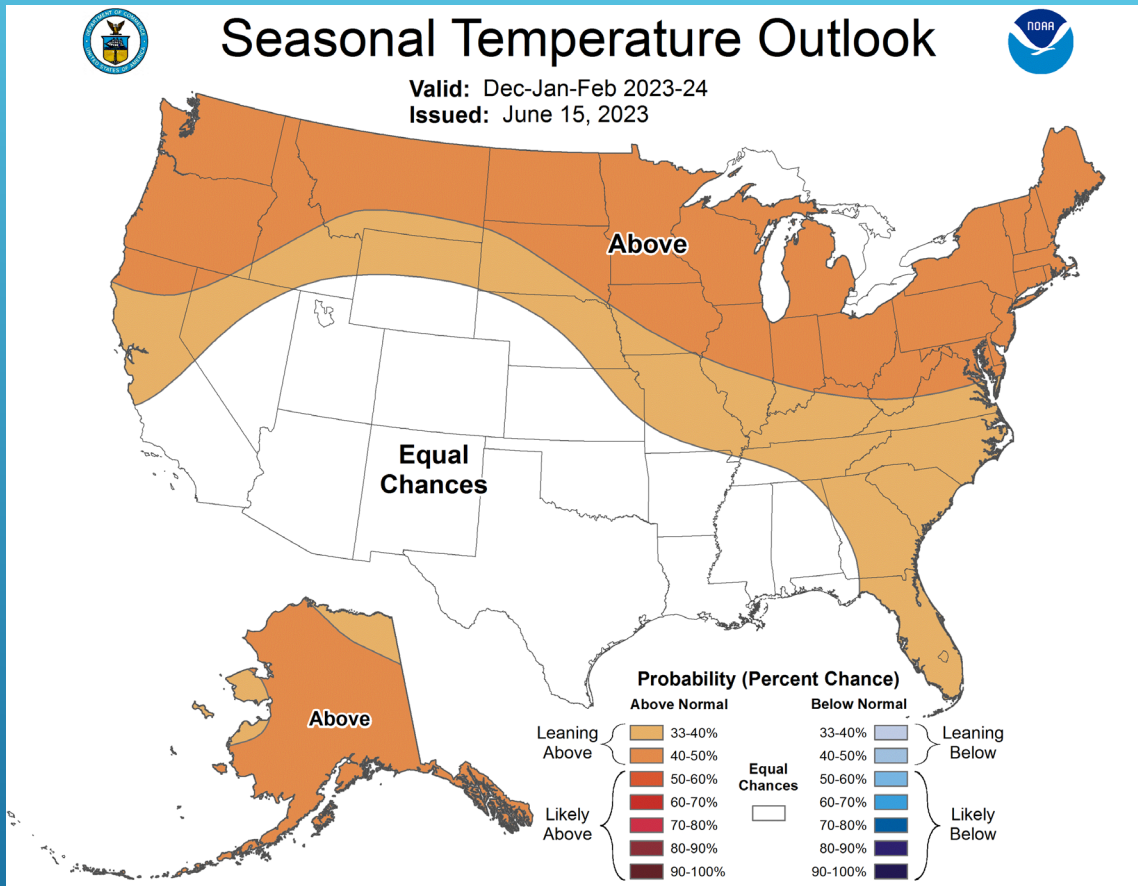
# Water Level Trends for the SVRP Aquifer

53N 04W 28CAB1 - USGS Site



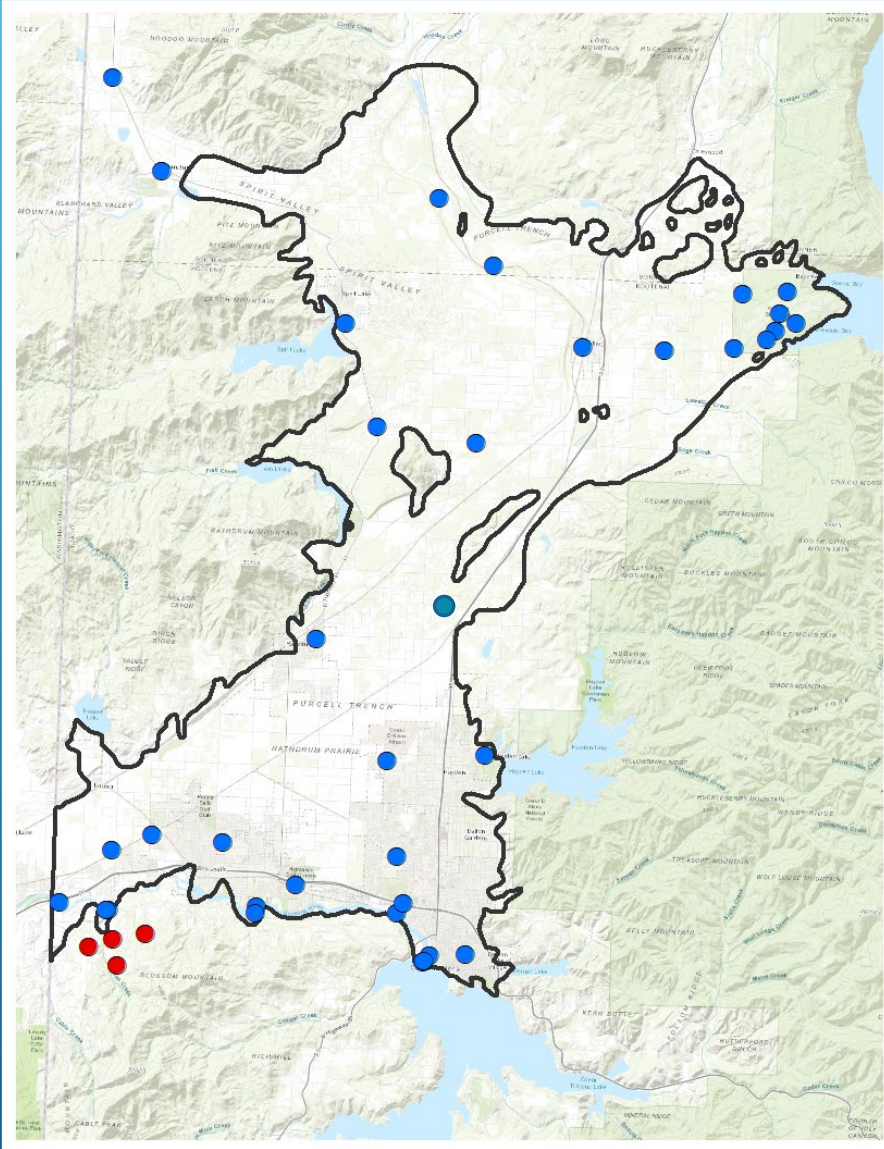
- Aquifer responds to climate fluctuations; peaks occur every 5 to 8 years
- Water levels in the Rathdrum Prairie are generally higher since the mid-1990s

# Winter 2023/2024 Outlook





# Spokane Valley – Rathdrum Prairie Aquifer Status Summary



- The SVRP Aquifer appears to be accommodating growth.
- A long-duration drought conditions like the 1920s and 30s could lower water levels by 15 feet or more.
- IDWR continues to increase monitoring in key areas.
- IDWR continues to work with municipalities to conduct pumping tests and assess aquifer properties.
- Growth in the bedrock areas is a concern. These areas have had issues.

## Monitoring Well Type

- Unconsolidated Sediment
- Fractured Bedrock

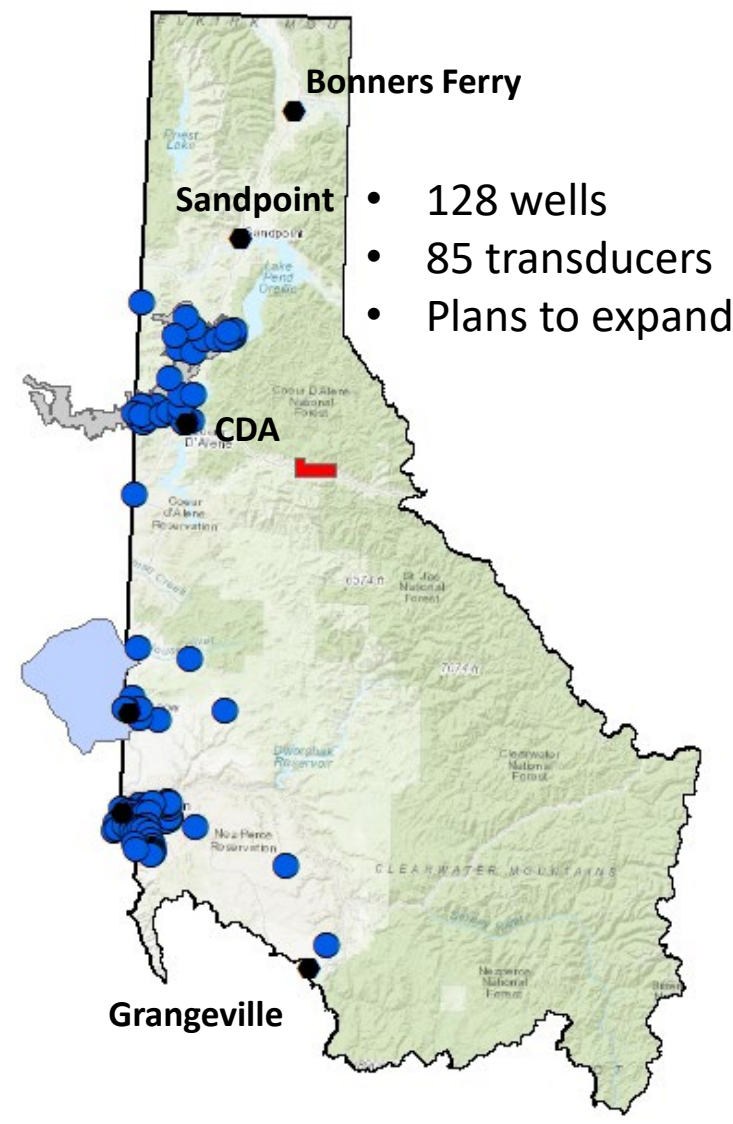
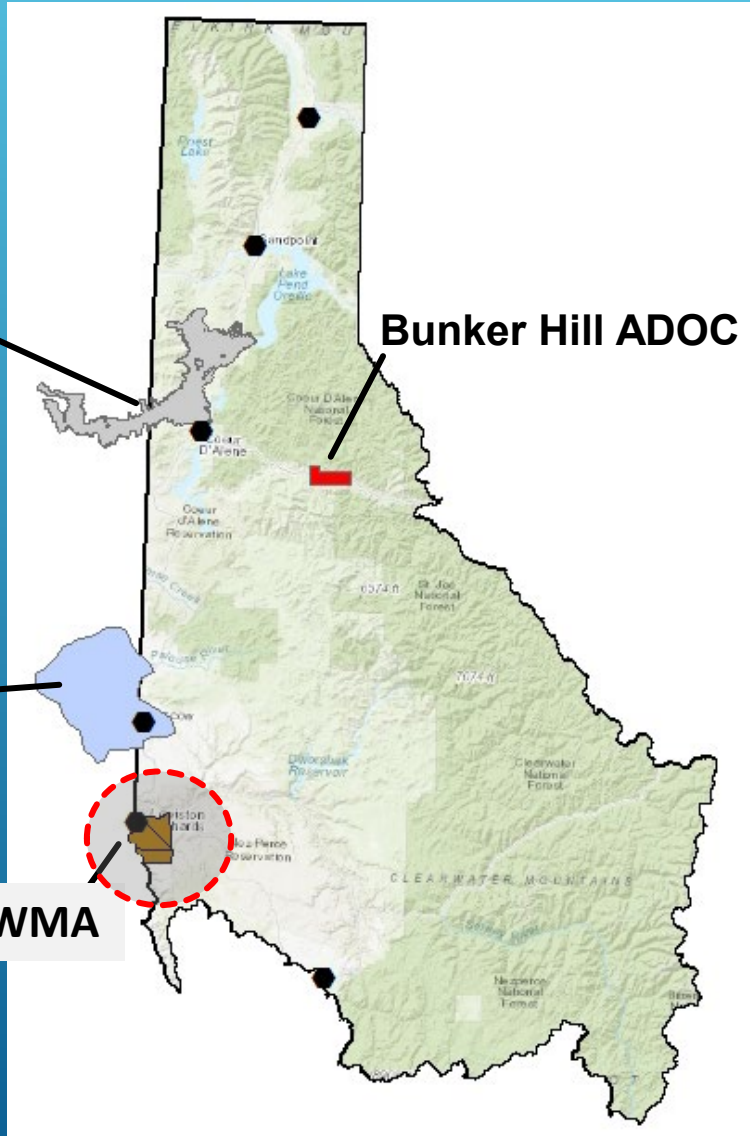
# Groundwater Management and Monitoring Network

**SVRP Aquifer**

**Bunker Hill ADOC**

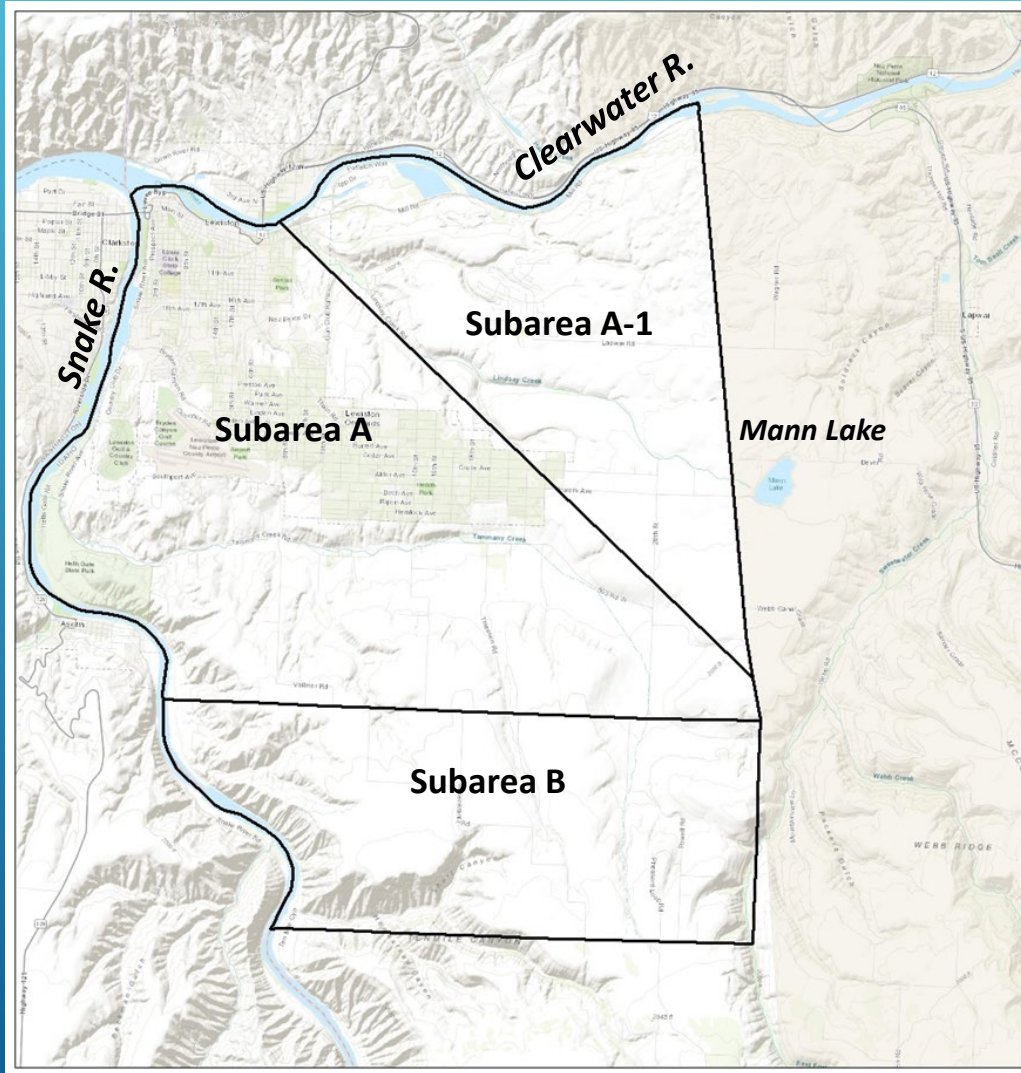
**Palouse Basin**

**Lewiston Plateau GWMA**





# Lewiston Plateau GWMA



## Facts

- GWMA established in 2013
- Plan adopted in 2015
- Plan was developed to address water level declines in the upper aquifers
- Subareas have different management policies

## Relevant Goals and Policies of the GWMA Plan

- Protect existing and future groundwater rights and groundwater quality.
- Promote the use of surface water, where available, for new uses of water.
- Improve the understanding about the extent and characterization of the regional aquifer.

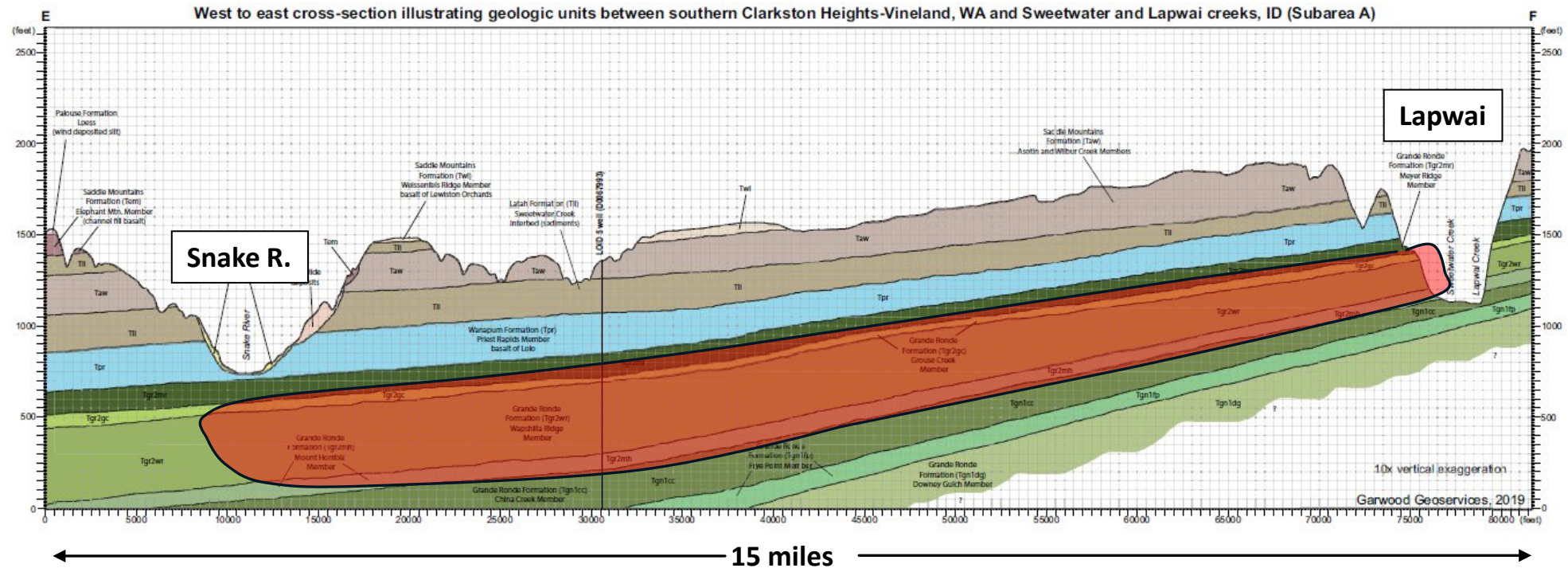
# Geology of the Lewiston Plateau



Photo: D. Garwood



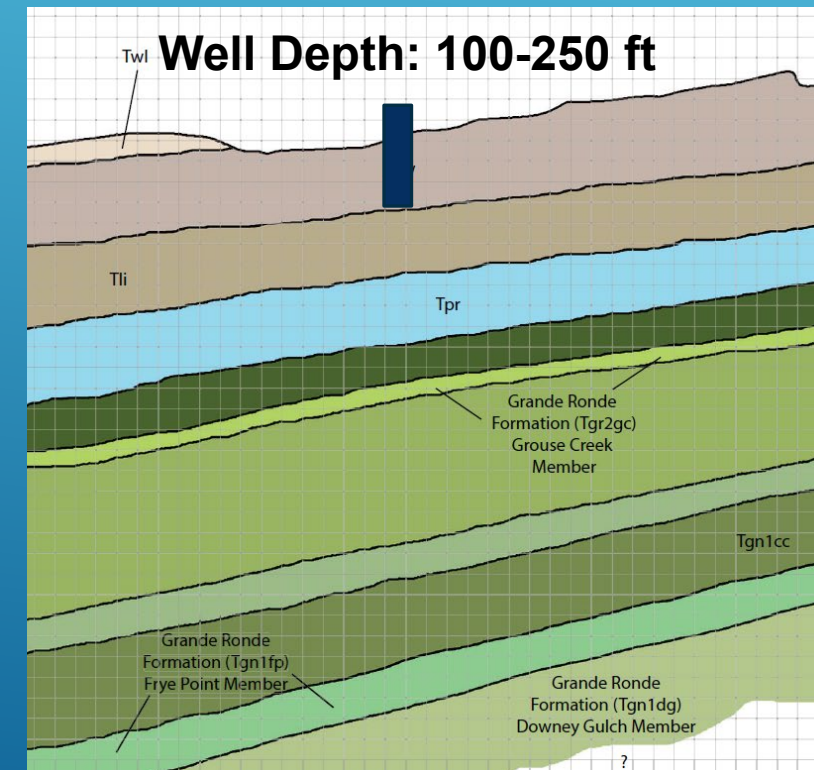
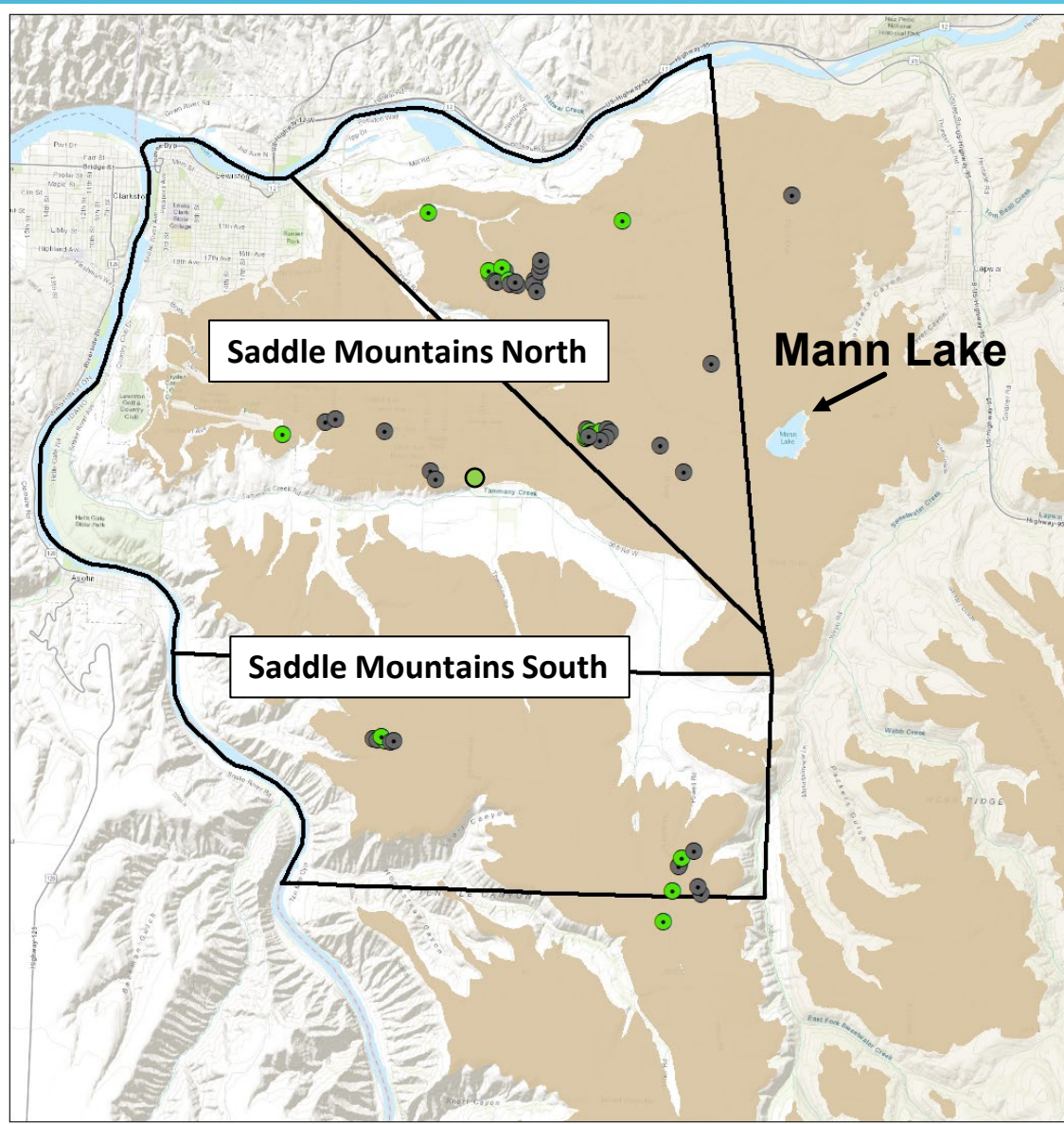
# Geology of the Lewiston Plateau





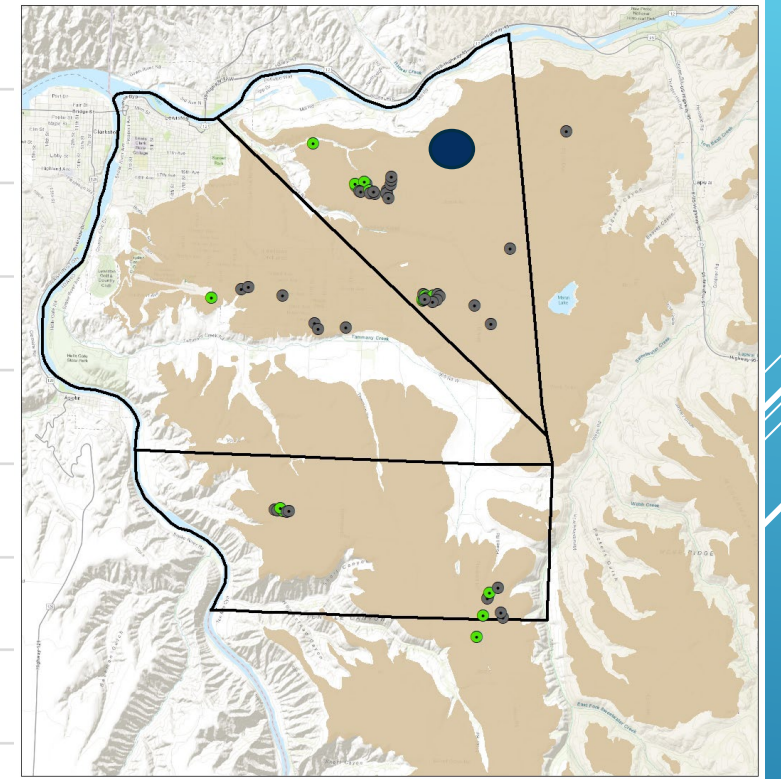
# Saddle Mountains Basalt

- Upper most basalt formation.
- About 57 wells completed in the Saddle Mtns.
- Two different aquifers – North and South.
- In 2016, IDWR monitored 4 wells.
- IDWR now monitors 16 wells.
- IDWR limits well drilling in the Saddle Mtns.





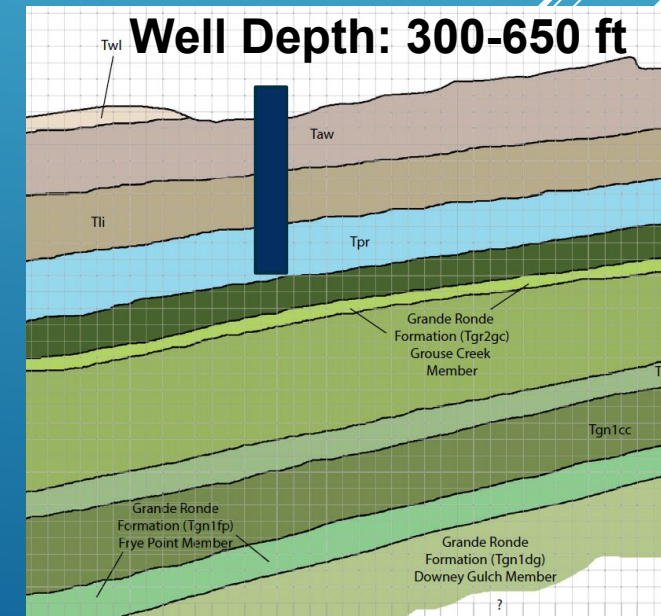
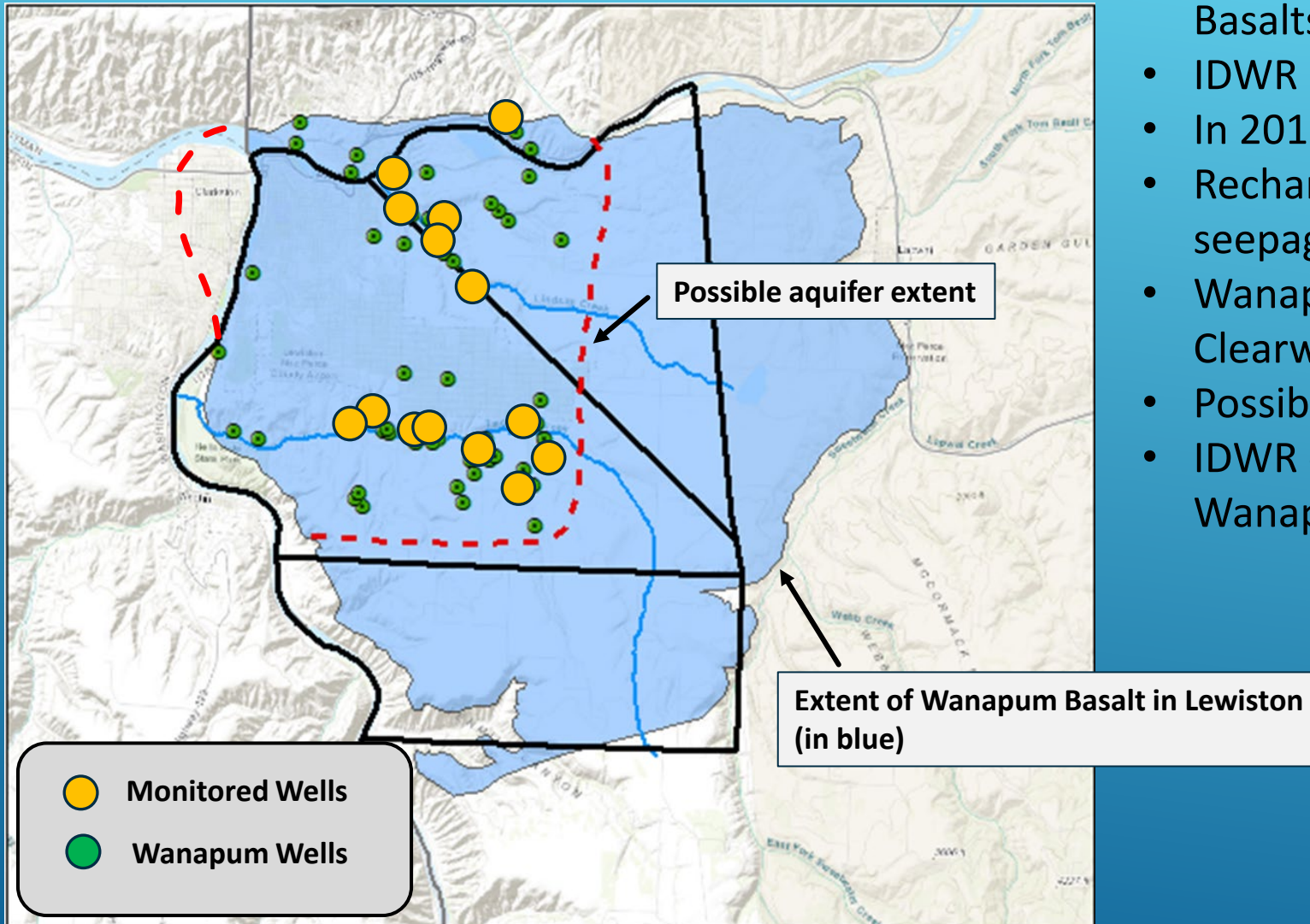
# Saddle Mountains North Water Level Trends



- Aquifer responds wet winters such as 2017 thru 2019.

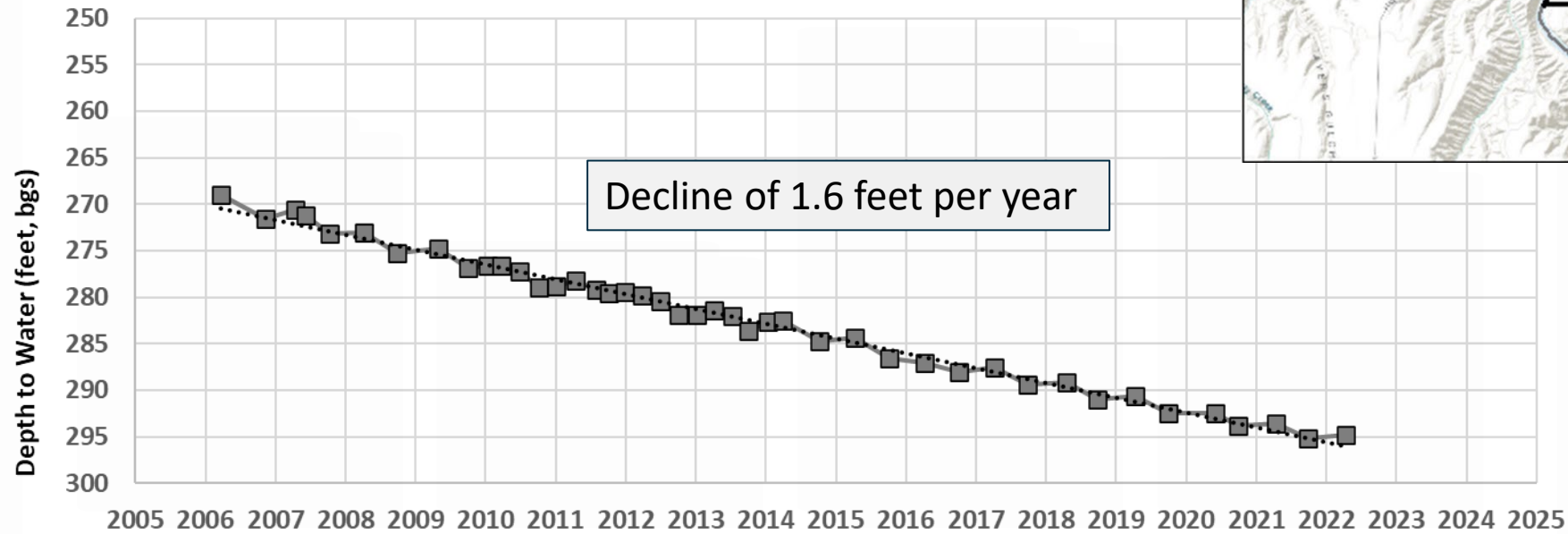
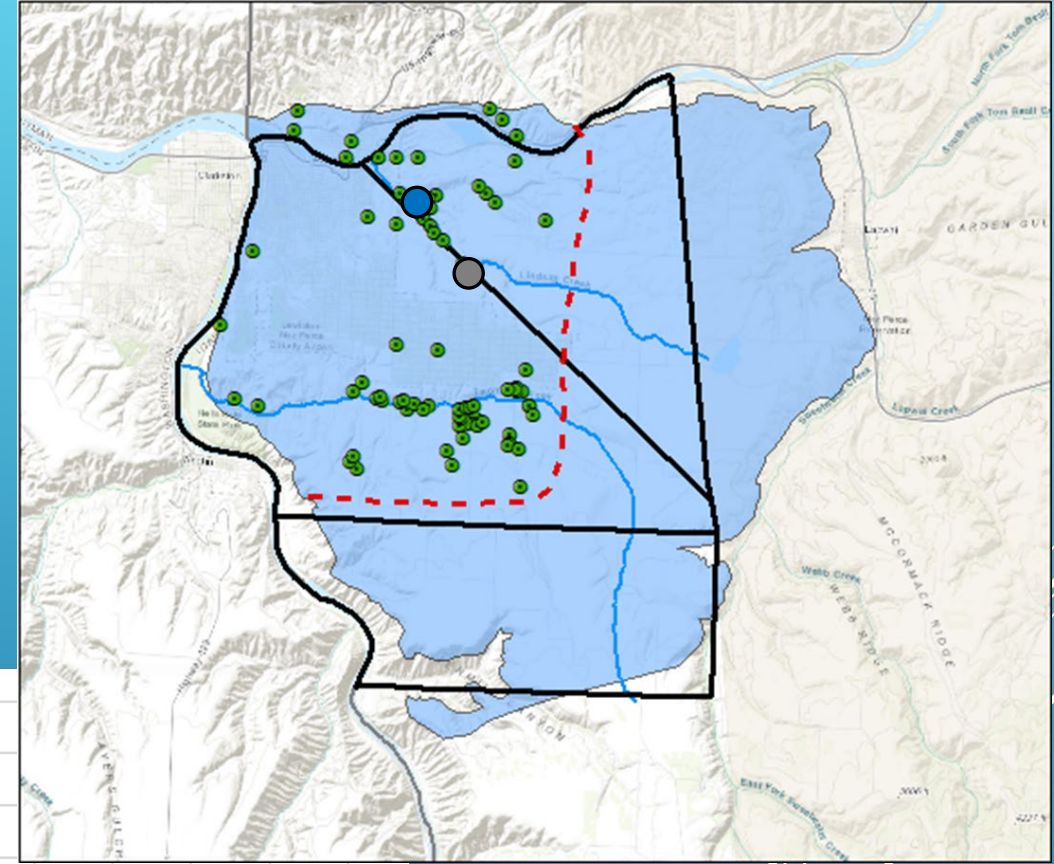
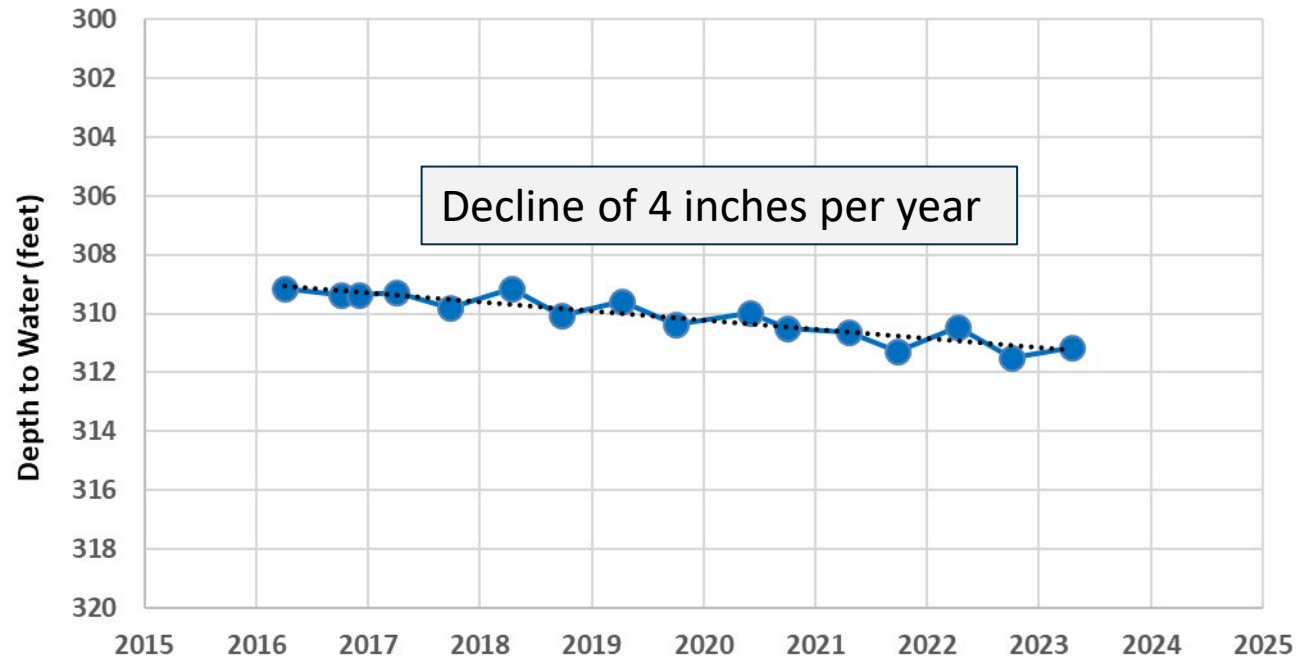
# Wanapum Basalt

- About 85 wells completed in the Wanapum Basalts.
- IDWR now monitors 14 wells in the Wanapum.
- In 2016, IDWR monitored 10 wells.
- Recharge is possibly from precipitation and seepage along Tammany Creek.
- Wanapum is connected to the Snake and Clearwater Rivers.
- Possibly extends into Clarkston.
- IDWR does not allow new wells in the Wanapum.

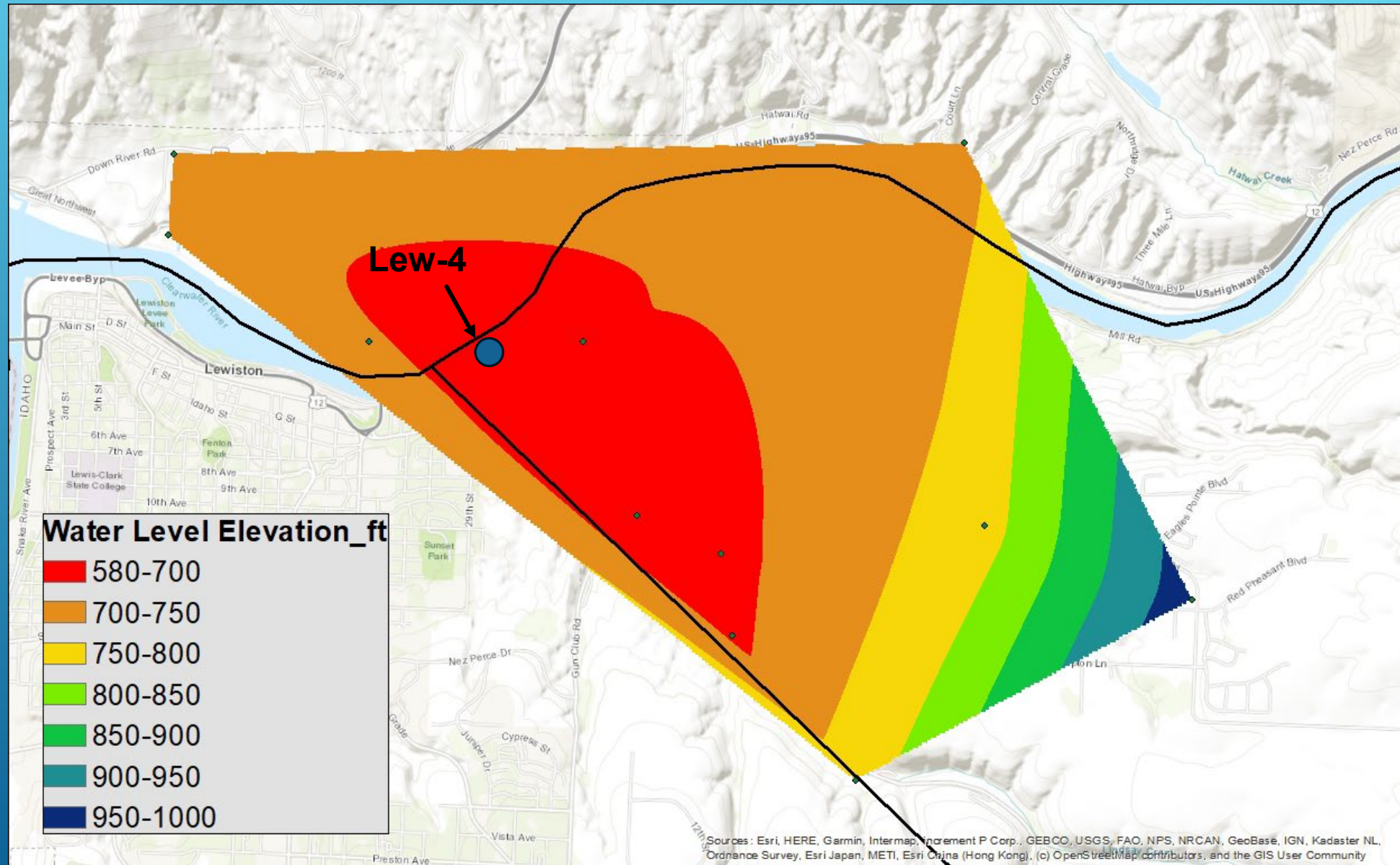




# Wanapum Water Level Trends – Lindsay Creek

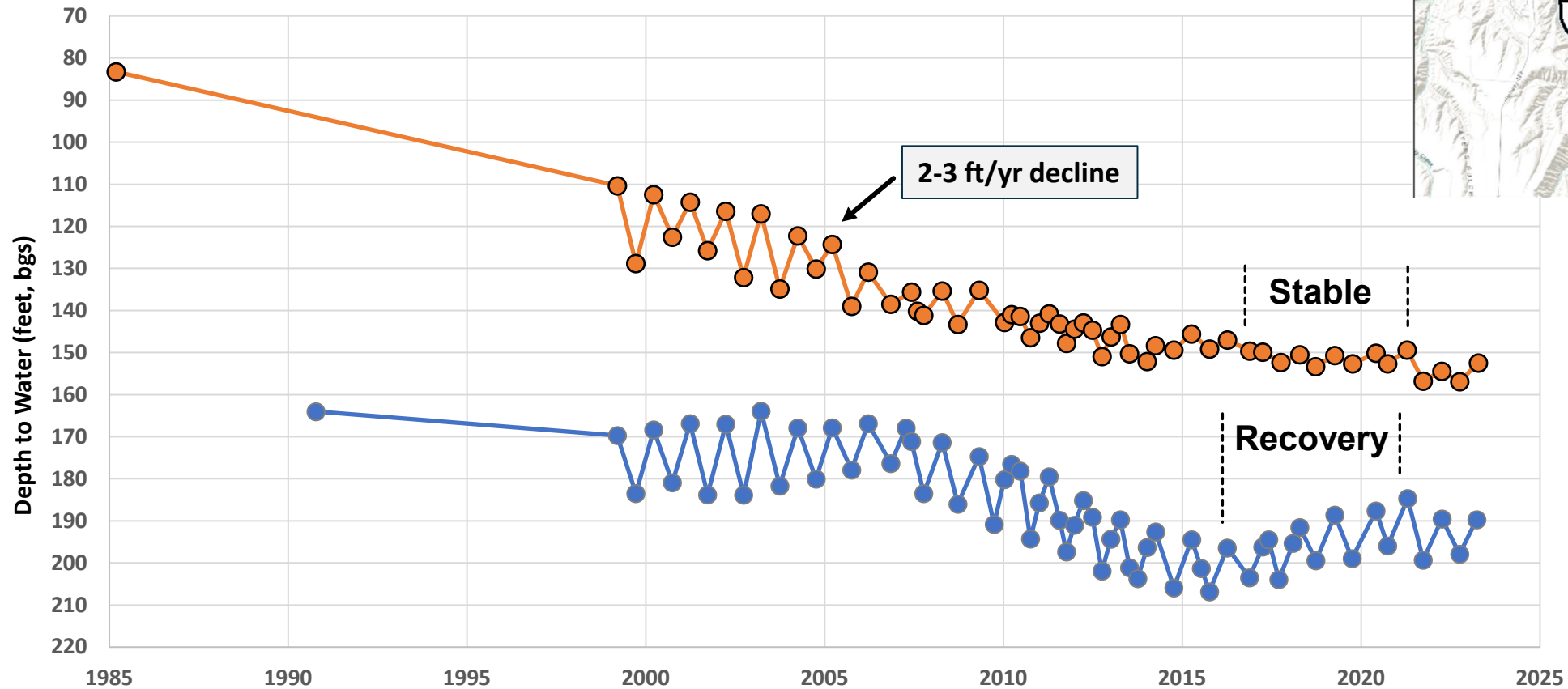
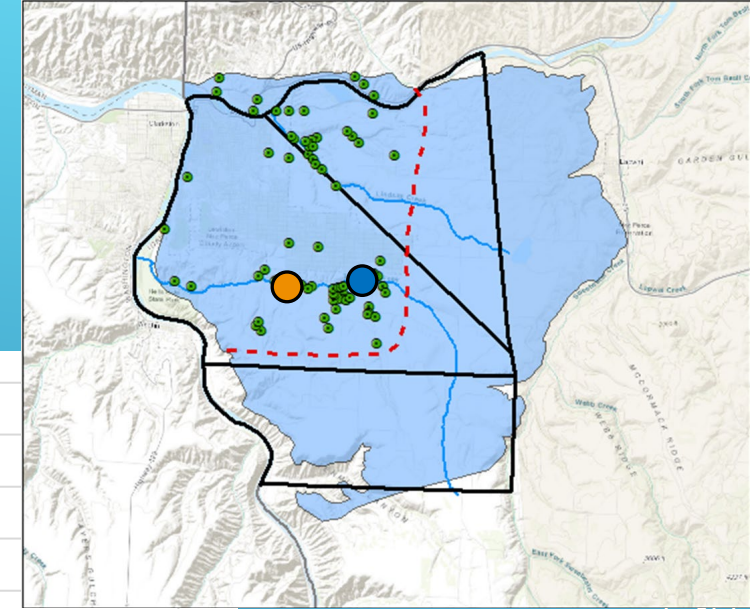


# Wanapum Water Levels– Lindsay Creek



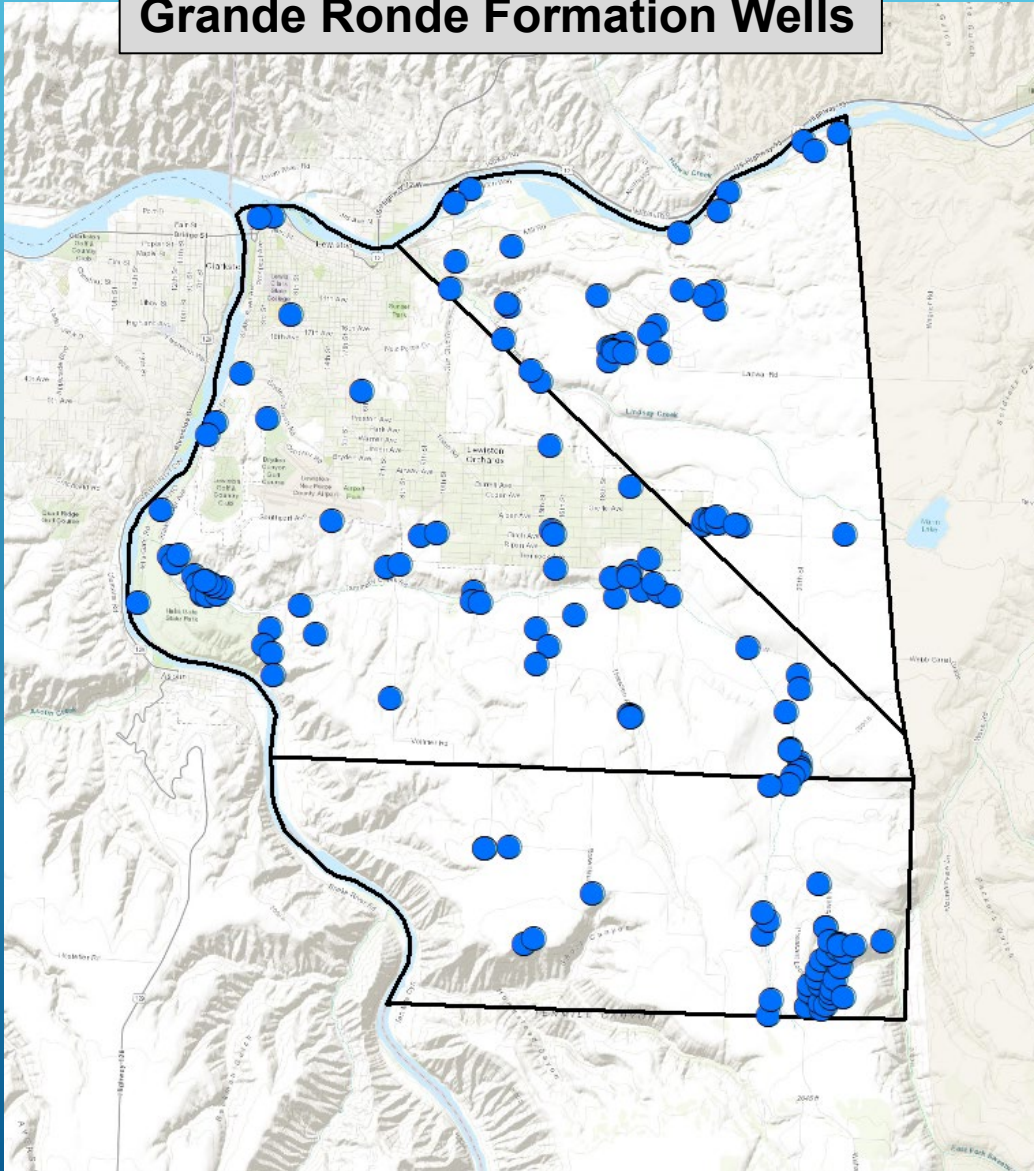


# Wanapum Water Level Trends – Tammany Creek



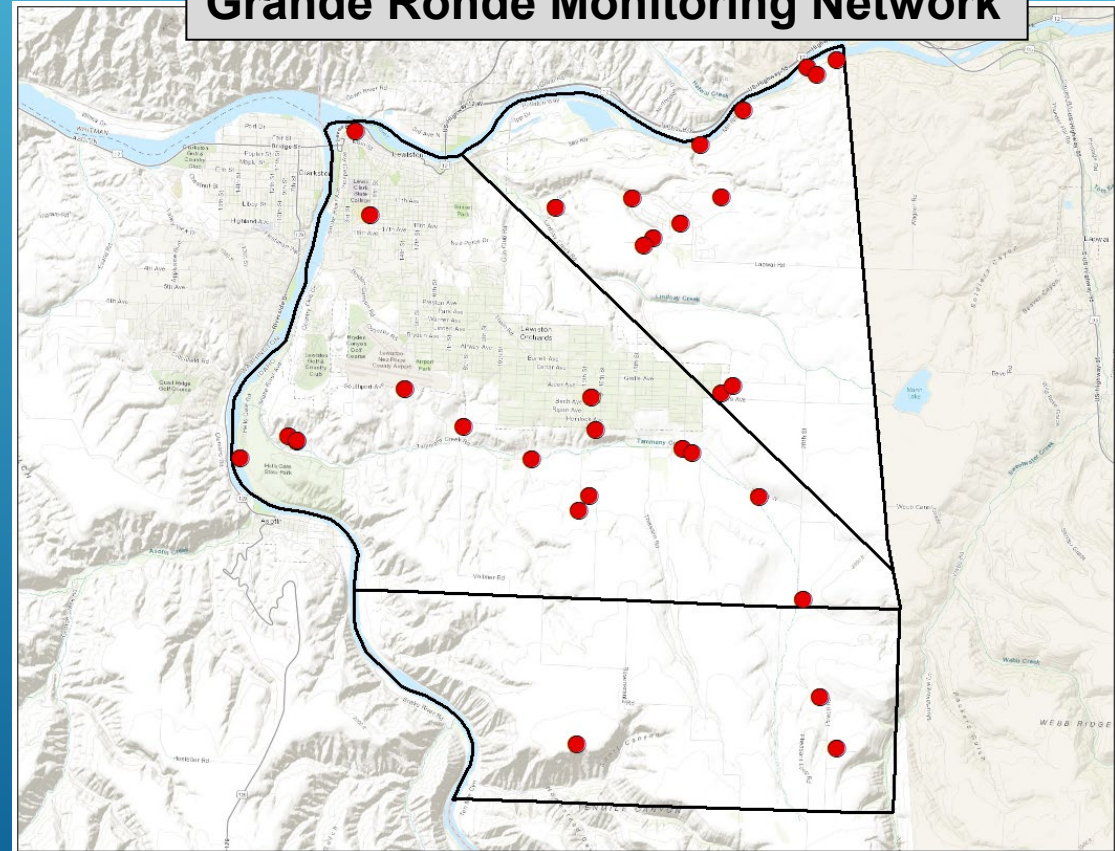
# Grand Ronde Basalt Wells and Monitoring

## Grande Ronde Formation Wells



- About 160 wells completed in the Grande Ronde
- The Grande Ronde Basalts consist of multiple flows
- IDWR requires new wells to be completed in the Grande Ronde
- IDWR monitors 45 wells in the Grande Ronde

## Grande Ronde Monitoring Network



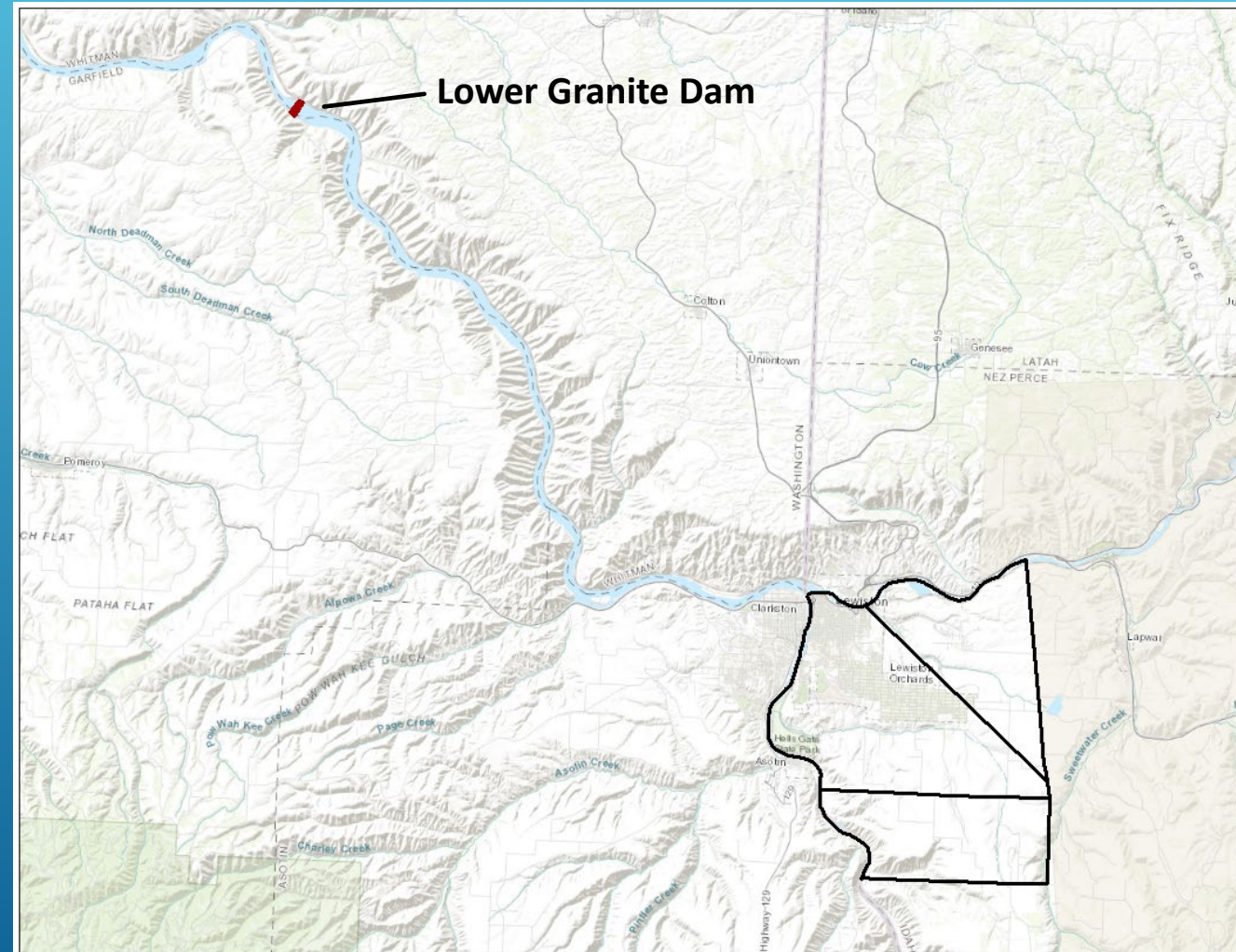


# Lower Granite Dam

- Located about 30 miles downstream of Lewiston
- Began operation in 1975
- Raised the Snake River about 30 feet near Lewiston



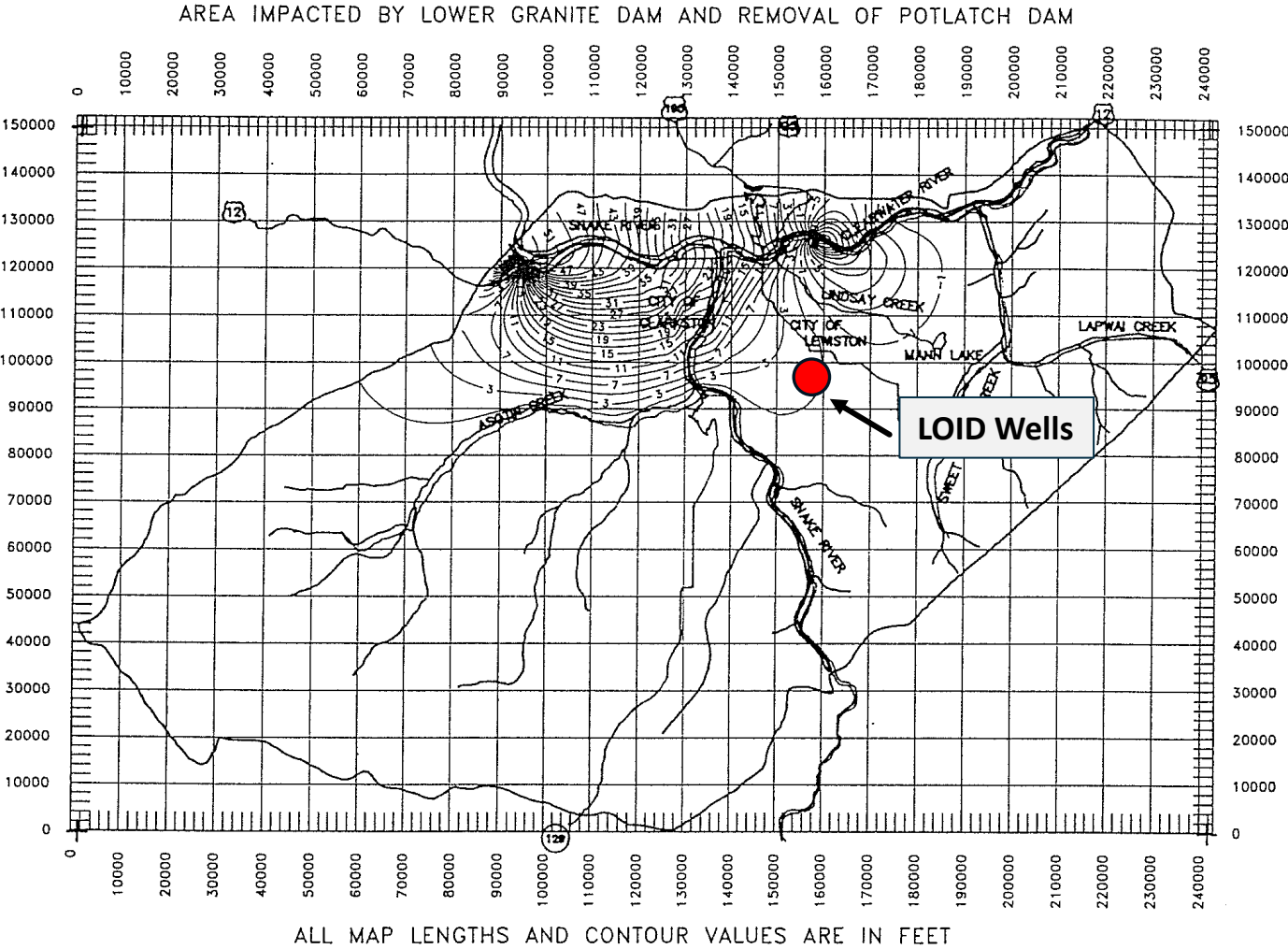
Photo: Army Corps of Engineers





# Effects of Lower Granite Dam on the Lewiston Plateau

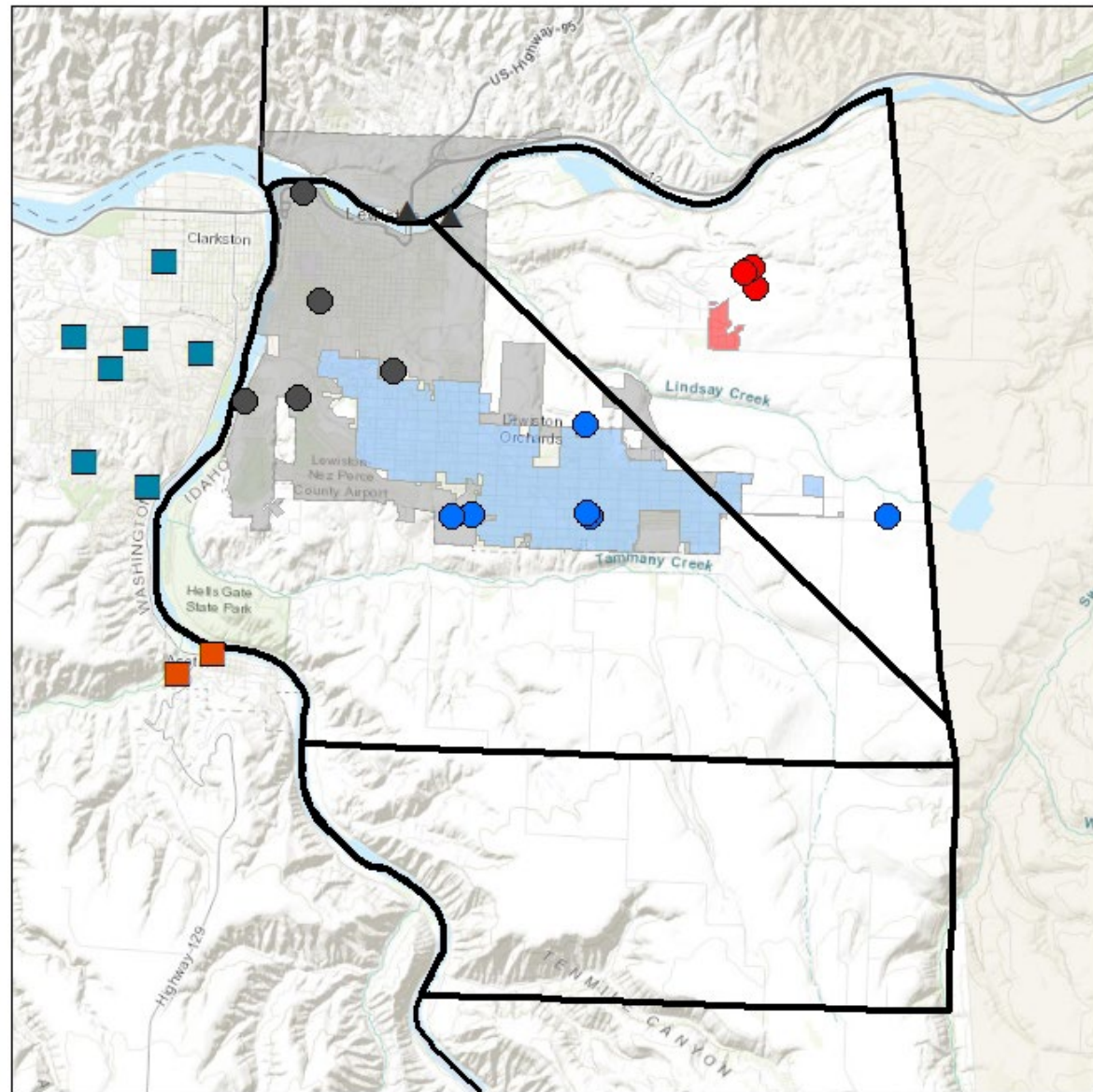
LOID LEWISTON BASIN GROUND WATER MODEL LAYER 2



# Major Production Wells in the Lewiston Area

- APUD produces about 4800 AFY
- LOID produces about 1800 AFY
- Lewiston produces about 1000 AFY
- Red Pheasant water rights are for 665 AFY

\*Note Lewiston production does not include Lewiston Wells 2,4, or 3.  
LOID does not include LOID 5 or 6.



## Points of Diversion

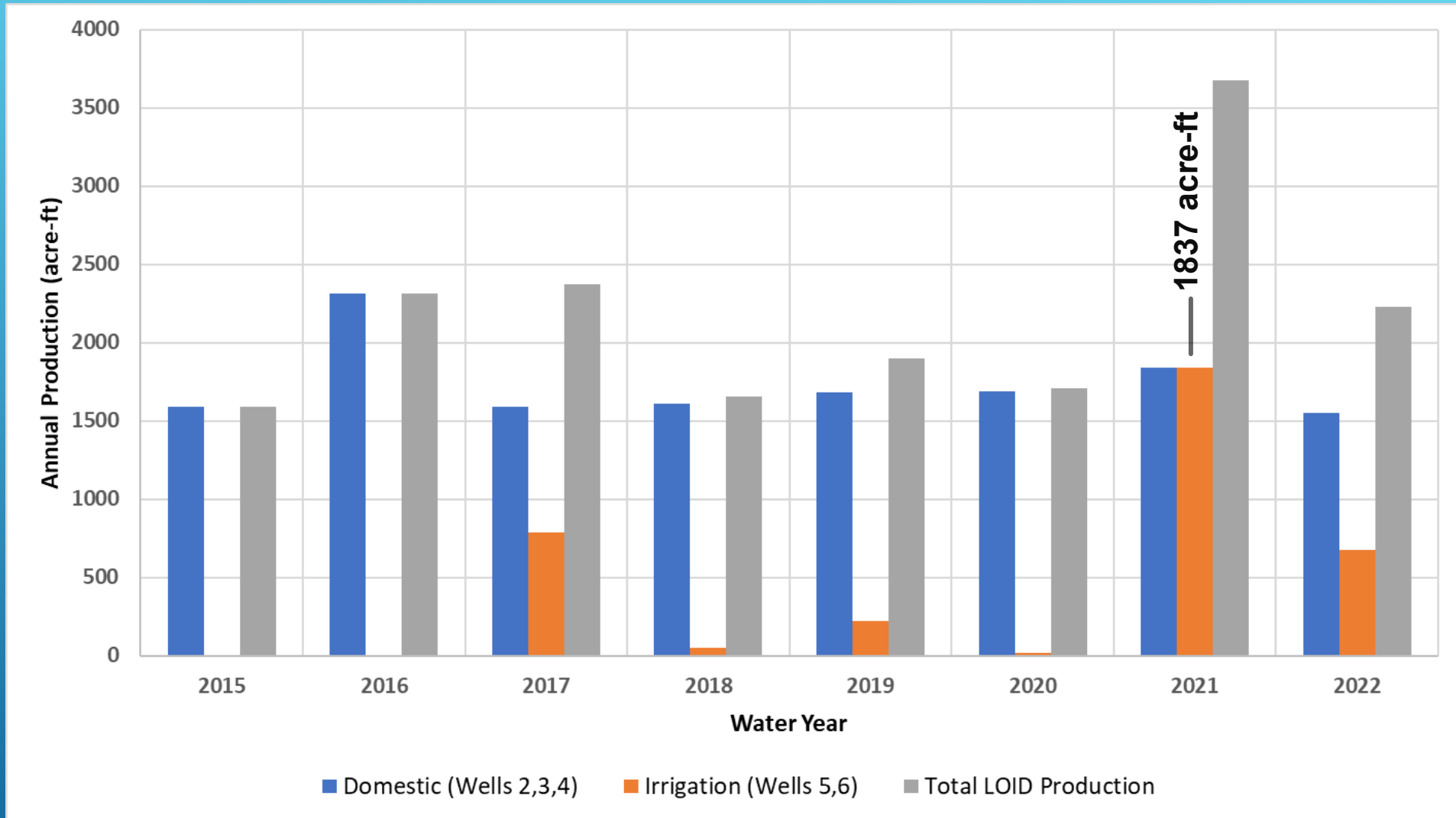
- APUD Wells
- Asotin Wells
- Lewiston Wells (Grande Ronde)
- ▲ Lewiston Wells (Wanapum)
- LOID Wells
- Red Pheasant Wells

## GWMA

## Service Area

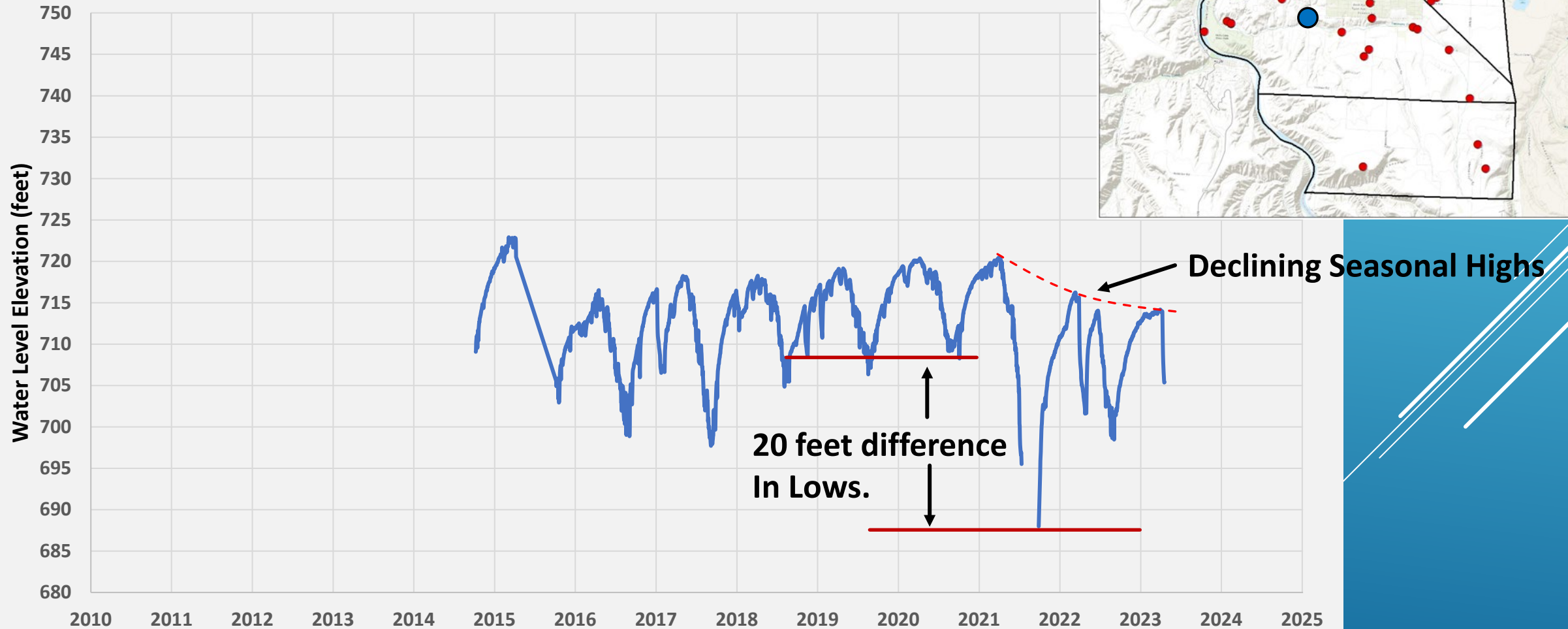
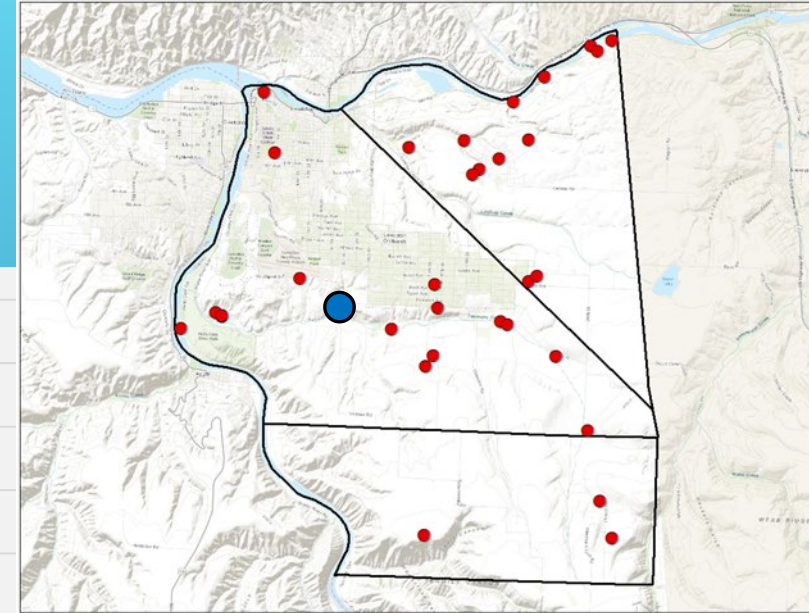
- City of Lewiston
- Lewiston Orchards
- Red Pheasant

# Lewiston Orchards Irrigation District Groundwater Production

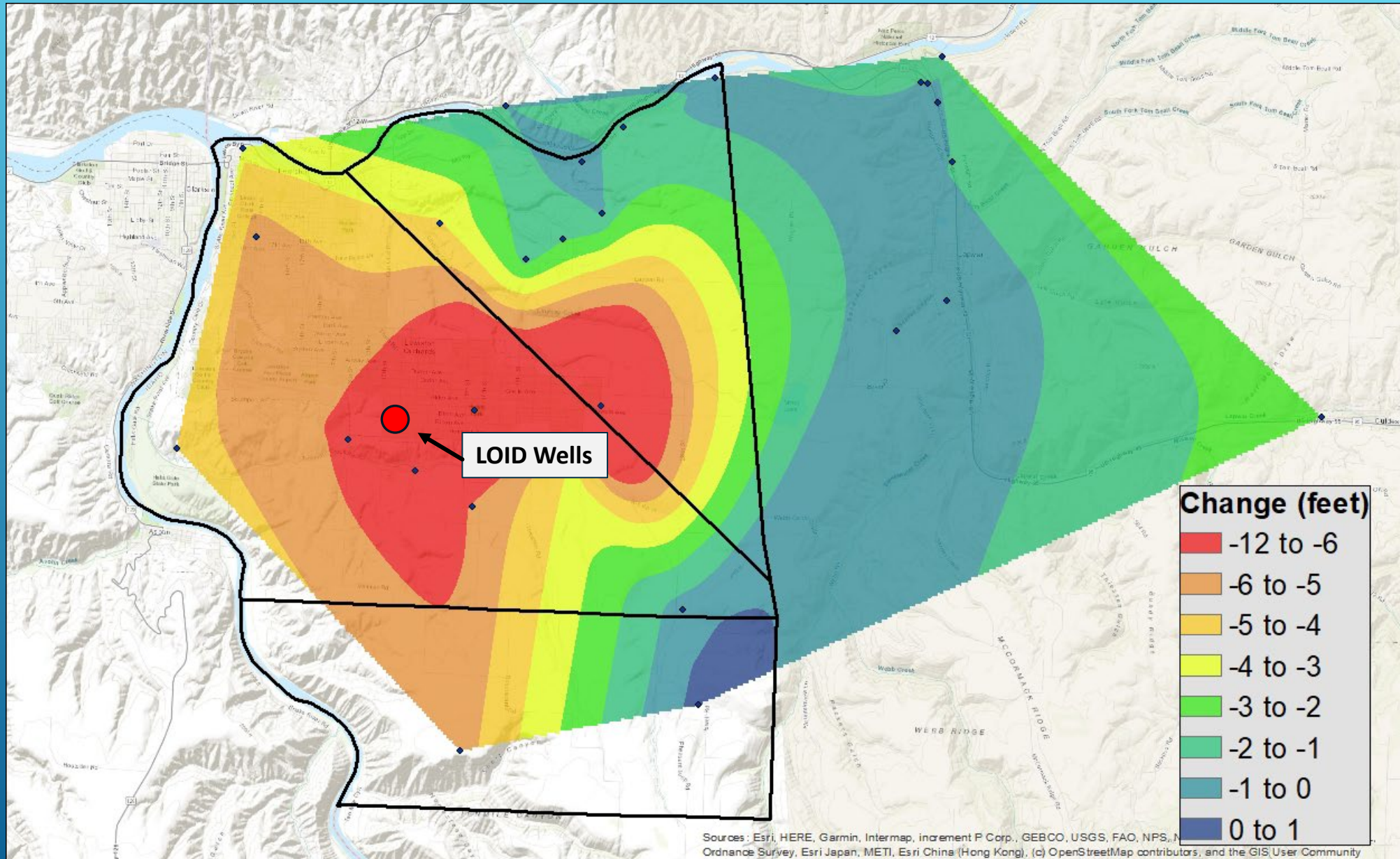




# Water Level Trends near LOID Wellfield



# Change in Water Levels Between Spring 2021 and Spring 2023

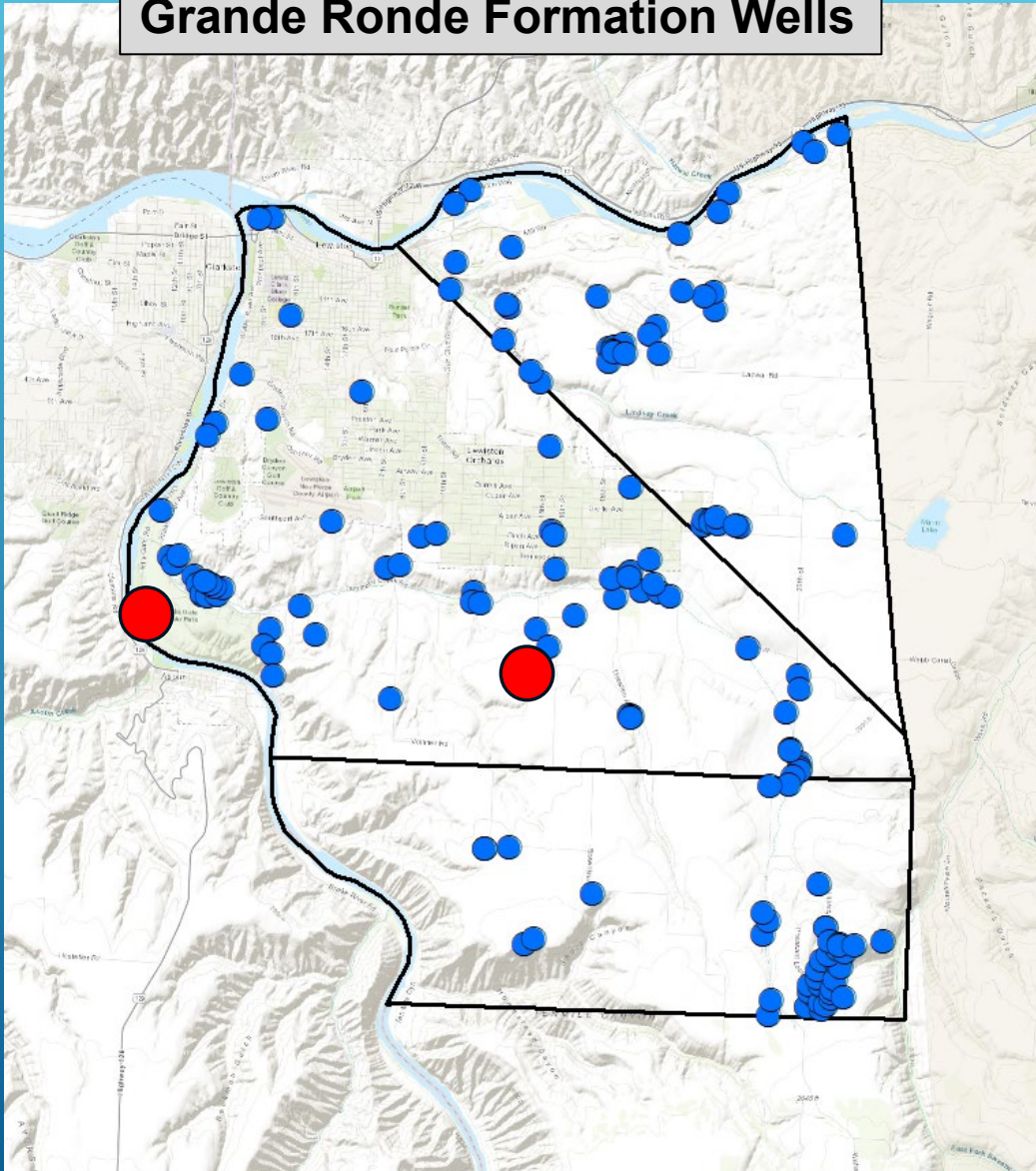




# Grand Ronde Basalt Wells – Issues During Summer of 2021

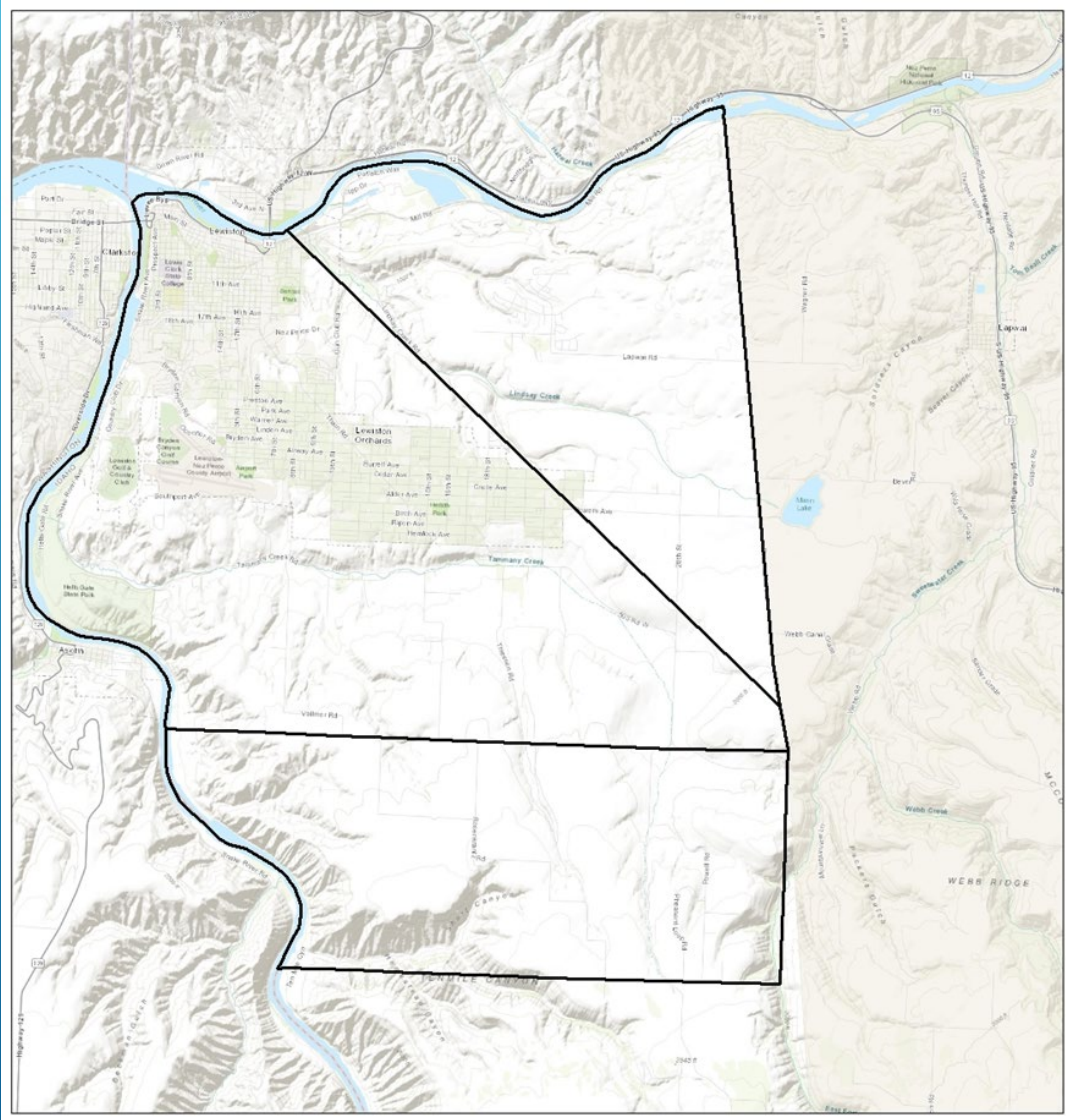
## Grande Ronde Formation Wells

- Two wells completed in the Wapshilla Ridge Member had issues.
- Well deepened south of Lewiston Orchards.
  - Deepened from 710 ft to 1200 ft.
  - Now completed in the Mt Horrible/China Creek Member.
  - Depth to water changed from 670 ft to 850 ft.
- Irrigation well near Snake River “tripped off” due to low water levels.





# Lewiston Plateau GWMA Status Summary



## Saddle Mountain Basalt Aquifers:

- Water levels respond to climate fluctuations.
- “Hit or Miss” drilling.
- High nitrates.
- Can experience well interference.

## Wanapum Basalt Aquifer:

- Continued water level declines and well deepening.
- Current management practices are not stabilizing the aquifer.

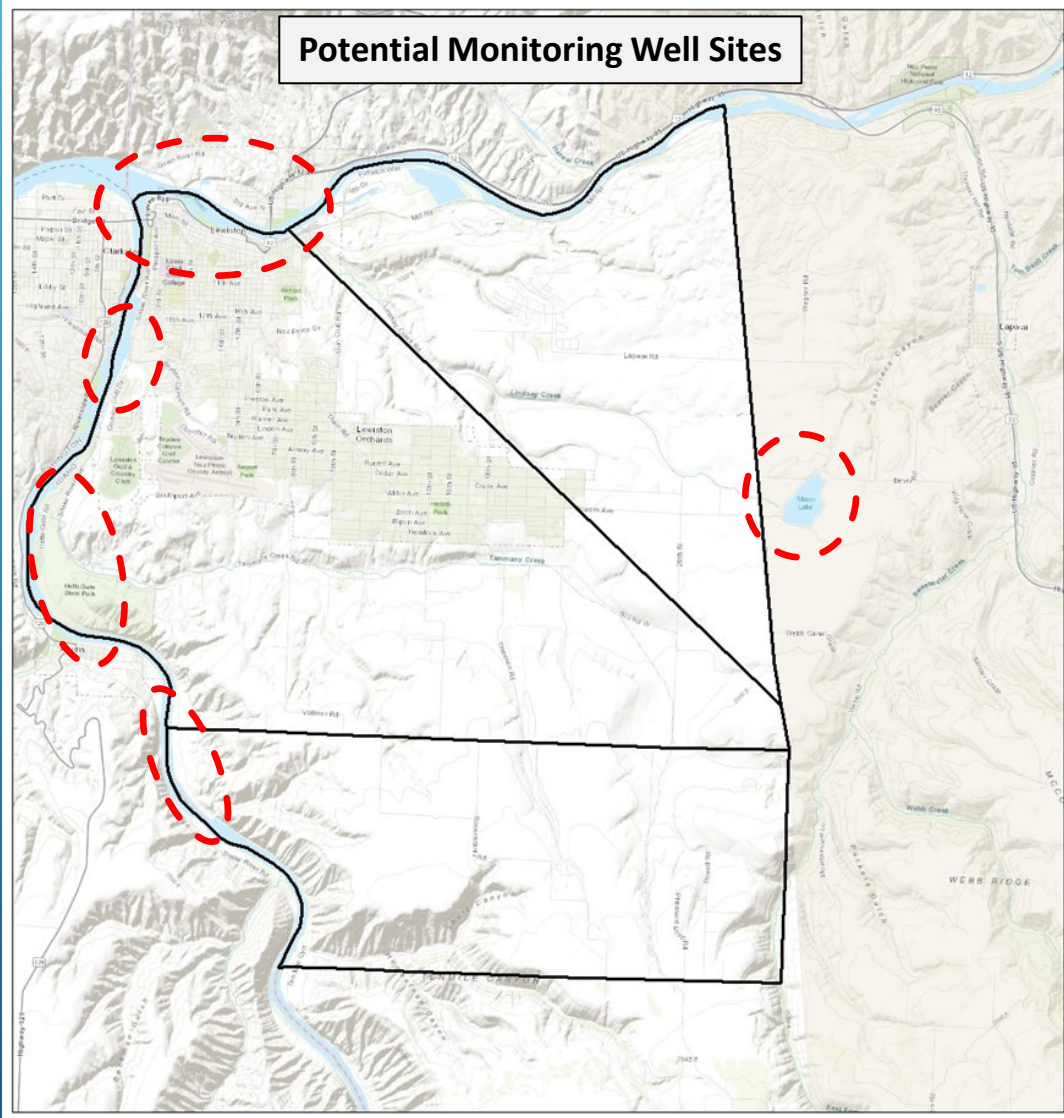
## Grande Ronde Basalt Aquifers:

- Response to LOID pumping is a concern.
- Long-term sustainability and future conflict is also a concern.

# Lewiston Plateau GWMA

## Future Tasks:

- Improve estimates of aquifer properties
- Increase monitoring near surface water
- Groundwater flow model efforts?





# AGENDA

## IDAHO WATER RESOURCE BOARD

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**Board Meeting No. 5-23**

**Friday, July 21, 2023**

**8:30 a.m. (PT) / 9:30 a.m. (MT)**

Best Western Plus University Inn  
Palouse Room / Zoom Online  
1516 Pullman Road  
MOSCOW

**Brad Little**  
*Governor*

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

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

**Dean Stevenson**  
*Secretary*  
Paul  
District 3

**Dale Van Stone**  
Hope  
District 1

**Albert Barker**  
Boise  
District 2

**Brian Olmstead**  
Twin Falls  
At Large

**Marcus Gibbs**  
Grace  
District 4

**Patrick McMahon**  
Sun Valley  
At Large

**Board Members & the Public may participate via Zoom**

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

Dial in Option: 1(253) 215-8782

Meeting ID: 849 6386 2347 Passcode: 280013

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1. Roll Call
2. Agenda & Approval of Minutes 4-23\*
3. Public Comment
4. Financial Report
5. Priest Lake Outlet Dam Modification\*
6. Mountain Home Air Force Base Water Resilience Project Update
7. Lost Valley Galloway Subordination\*
8. Flood Management Grant Awards\*
9. Cloud Seeding Program\*
10. Lemhi River Settlement
11. Pinehurst Water District Loan Request\*
12. Regional Water Sustainability Projects\*
13. Administrative Rules Update\*
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](mailto:jennifer.strange@idwr.idaho.gov) or by phone at (208) 287-4800.





# IDAHO WATER RESOURCE BOARD

**Brad Little**  
Governor

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

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**Dale Van Stone**  
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Boise  
District 2

**Brian Olmstead**  
Twin Falls  
At Large

**Marcus Gibbs**  
Grace  
District 4

**Patrick McMahon**  
Sun Valley  
At Large

## MINUTES MEETING NO. 4-23

Hampton Inn  
Eagle Rock East Meeting Room / Zoom Online  
645 Lindsay Blvd.  
IDAHO FALLS

May 18, 2023  
**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 and online. Board members present were Al Barker, Jo Ann Cole-Hansen, Marcus Gibbs, Patrick McMahon, Brian Olmstead, Dean Stevenson, Dale Van Stone, and Chairman Jeff Raybould.

IDWR staff members present were: Brian Patton, Cynthia Bridge Clark, Neeley Miller, Wesley Hipke, James Cefalo, Remington Buyer, Cooper Fritz, and Jennifer Strange. Online were: Mary Condon, Josh Morell, Kala Golden, Meghan Carter, Mackenzie Kienholz, Mike Morrison, and Heather Neace.

Guests present were: John Williams, Lyle Swank, Alan Kelsch, and Ann Yribar. Guests online were: Doug Jones, Hattie Zobott, J. McDermott, Ashley Sadorrra, Mike Fuss, Dylan Lawrence, Dave Colvin, Jason Brown, and Bert Stevenson.

### Agenda Item No. 2: Executive Session

Board met 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. The executive session was closed to the public.

Mr. Dean Stevenson moved to resolve into executive session at 8:33 AM. Mr. Barker seconded. Roll call vote: Mr. Barker, aye; Ms. Cole-Hansen, aye; Mr. Gibbs, aye; Mr. McMahon, aye; Mr. Olmstead, aye; Mr. Stevenson, aye; Mr. Van Stone, aye; and Chairman Raybould, aye. 8 ayes. The motion passed.

Ann Yribar discussed Pristine Springs. Mr. Barker recused himself from that topic. Meghan Carter discussed Priest Lake.

At 9:12 AM, Mr. Stevenson moved to resolve out of executive session. Mr. Van Stone seconded. Voice vote. All in favor. The motion carried. No action was taken during the executive session.

### **Agenda Item No. 3: Financial Report**

Mr. Neeley Miller provided the Board's financial report. The accounts as of March 31, 2023 were: Secondary Aquifer Fund: committed/earmarked but not disbursed \$21,879,655 and uncommitted balance \$14,004,536; Revolving Development Account: committed/earmarked but not disbursed \$32,444,852, loan principal outstanding \$17,739,221, uncommitted balance \$1,795,667, and anticipated loanable funds available next one year \$5,295,667; and Water Management Account: obligated \$113,431,557, and unobligated balance \$31,914,188. Total committed/earmarked but not disbursed \$167,756,064; total loan principal outstanding \$17,739,221; and total uncommitted balance \$47,714,391. ARPA: committed per HB 769 is \$100,000,000; obligated \$17,352,413; unobligated \$8,367,953; and expended is \$74,279,634.

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

The Water Management Account unobligated balance includes \$75M per HB 769 (FY 2022) to be used for expenditures, loans, or grants for water projects, including studies, to address water sustainability, rehabilitate or improve aging water infrastructure or support flood management. The legislature provided that no more than one-third of these moneys shall be used for grants. At the September 2022 IWRB meeting the IWRB authorized \$12,500,000 in funds for Aging Infrastructure grants (round one). At the January 2023 IWRB meeting the IWRB authorized \$12,500,000 in funds for Aging Infrastructure grants (round two).

In FY 2023 the IWRB has approved \$20,811,000 in loans from the Water Management Account. In FY 2023 \$72,871,406 has been expended from the ARPA funds for the Anderson Ranch Reservoir Enlargement.

### **Agenda Item No. 4: Regional Manager's Update**

James Cefalo provided an update on activities at the Eastern Regional office in Idaho Falls. He highlighted workload for water allocation processes, contested cases in the region, and some of the challenges for the region.

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

Mike Morrison discussed updates on the Water Resilience Project at the Mountain Home Air Force Base. Current activities included: seeking Statements of Qualification (SOQs) from qualified Design-Build (DB) firms who will design and build the intake, pump station, and pipeline; a two-step process to select a qualified DB firm will be used. The Board will first evaluate Statements of Qualification (SOQs) submitted by interested firms and then invite the top ranked DB firms meeting the Board's criteria to submit proposals for designing and building the project. The Board will evaluate the proposals and enter into negotiations with the top ranked DB firm in late October or early November. They were working with easements and rights of way.

Ms. Clark stated that the Board intends to design and construct and then gift the intake, pump station, and pipeline (Transmission System) to the Air Force. The Board will retain ownership of the Snake River water rights acquired for the new water system and enter into a long-term water use agreement with the DAF for Mountain Home AFB's use. A draft proffer letter and resolution was discussed. Mr. Barker commented that the process seemed unnecessarily difficult. He suggested a token lease instead of a gift or to place a condition on the gift for reacquisition. Chairman Raybould agreed with Mr. Barker's concerns but stated that such would likely postpone or delay the process. There was more discussion.

#### **Agenda Item No. 6: ESPA Managed Recharge**

Wesley Hipke provided an update on the ESPA Managed Recharge Program. Total natural flow water recharged was 138,653 acre-feet. He discussed future capacity for the upper and lower valleys. He gave an overview of current infrastructure projects and discussed potential infrastructure projects. Cooper Fritz provided some information on groundwater sampling in the Butte Market Lake Projects.

Mr. Hipke shared a proposed recharge project that requested \$1.33 million to construct the Head of the Basalt Project to increase recharge capacity along the main stem of the Snake River. He shared a draft resolution for the board to consider which would allow expenditures to come from the ARPA State Fiscal Recovery Fund.

#### **Agenda Item No. 7: IGWA/SWC Proposals for Managed Recharge Program**

Jaxon Higgs with Water Well Consultants introduced Dave Colvin of LRE Water who discussed proposals for top recharge sites to benefit IGWA/SWC.

#### **Agenda Item No. 8: Ririe Reservoir Rule Curve Analysis Update**

Lyle Swank discussed the background of the Ririe Reservoir rule curve analysis. The goal was 20,000-28,000 acre feet of additional storage space. He shared the next steps in the Ririe proposal review. Alan Kelsch, project coordinator for Mitigation Inc., discussed financials for the project. He mentioned the 3 different phases of the project.

Remington Buyer explained the field trip details.

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

There were no other items for discussion from the board members.

#### **Agenda Item No. 10: Adjourn**

Dean Stevenson moved to adjourn. Marc Gibbs seconded. Voice vote. All in favor. The motion carried. The meeting adjourned at 12:06 PM.

The board broke for lunch. Following lunch, the board departed for a field trip of Ririe Dam and other selected locations.

May 19, 2023  
**Board Meeting No. 4-23**

At 8:30 AM (MT) Chairman Raybould called the meeting to order in Idaho Falls, Idaho and online.



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

#### *Board Members Present*

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

#### *Staff Members Present*

Mathew Weaver, Deputy Director  
Cynthia Bridge Clark  
Neeley Miller  
Steve Stuebner

Brian Patton, Executive Officer  
Wesley Hipke  
Remington Buyer  
Jennifer Strange

#### *Staff Members Present Online*

Meghan Carter  
Kala Golden  
Mary Condon

Justin Ferguson  
Cooper Fritz

#### *Guests Present*

John Williams  
Kresta Davis  
Ann Yribar

Scott Pugrud  
Bob Turner

#### *Guests Present Online*

Dave Tuthill  
Paul Arrington  
Bruce Johnstone  
Bryan Horsburgh  
D. Stoker  
Chris Keith  
Marc Ayalin

Braden Jensen  
Lanie Paquin  
Bert Stevenson  
Brad Carlson  
Margaret Major  
Doug Jones  
Dylan Lawrence

Mark Zirschky  
Hattie Zobott  
Bingham GWD  
Kyle & Julie Radek  
Allison Lebeda  
George Prentice  
JB Taylor

### **Agenda Item No. 2: Agenda and Approval of Minutes 3-23**

Chairman Raybould asked if any changes to the agenda were needed. Ms. Cole-Hansen moved to amend the agenda to add an item just after Public Comment for the topic of Cloud Seeding. Mr. Van Stone seconded. Chairman Raybould explained the reason for the amendment was to bring newly discovered information to the Board. Voice vote. All in favor. The motion carried.

The minutes for meetings 3-23 were available for approval. Ms. Cole-Hansen moved to adopt the amended agenda and to approve the minutes for meetings 3-23. Mr. Stevenson seconded. Voice vote. All in favor. The motion carried.

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

John Williams of Bonneville Power Administration provided updates during public comment.

### **Agenda Item No. 4: Cloud Seeding**

Kresta Davis of Idaho Power Company shared the results of a completed benefits analysis for the cloud seeding program. A range of snowpack increases included Henry's Fork with a 9% increase and the Boise Basin with a 19% increase. She stated the following acre feet increases for the following basins: 190,000 acre feet for Henry's Fork; 400,000 acre feet for the Upper Snake; 107,000 acre feet for the Wood River; 270,000 acre feet for the Boise; and 250,000 acre feet for the Payette. The total added acre feet was 1.2 million. There was a question about data criteria.

### **Agenda Item No. 5: Anderson Ranch Dam Raise Update**

Cynthia Bridge Clark introduced Lanie Paquin of the Bureau of Reclamation. She updated the board on project activities. The timeline shared put the project at the 30% design stage. Mr. Barker asked about the timing of reservoir restrictions for water users and stakeholders. Ms. Paquin stated that information had not been given yet but was expected in the next few weeks. Construction cost estimates at 30% design were shared as: 65 million for the dam raise and 39 million for the reservoir rim projects. There was discussion about contingencies. Updated total project cost estimate was \$124.8 million which included updated construction and non-contract cost estimates and did not include estimates for potential mitigation water during construction.

Ms. Clark asked if the board would be interested in a future meeting to specifically address the reservoir restrictions and stakeholders. Chairman Raybould suggested that a Water Storage Committee meeting might be appropriate for that discussion.

### **Agenda Item No. 6: Mountain Home Air Force Base Water Resilience Project**

Cynthia Bridge Clark presented the board with a resolution and proffer letter. She mentioned that Ashley Sadorra with the Air Force would relay concerns shared at the work session to her staff. She outlined some workshops planned.

Mr. Olmstead moved to adopt the resolution and authorize the Chairman to sign the proffer letter. 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.

### **Agenda Item No. 7: Aging Infrastructure Grant 2024**

Brian Patton introduced Neeley Miller for the agenda item and noted that the name should reflect that these criteria are for Fiscal Year 2024. Mr. Miller presented criteria that the Finance Committee had recommended for the Aging Infrastructure Grant program. He highlighted one small change and discussed a draft resolution.

Ms. Cole-Hansen moved to adopt the resolution to adopt the criteria for the Aging Infrastructure Grant Program. Mr. Barker seconded. Voice vote. All in favor. The motion carried.

Mr. Miller shared a timeline for the different grant programs and rounds. The Finance Committee had also recommended this timeline.

Ms. Cole-Hansen moved to adopt the dates of August 4<sup>th</sup> for Round One and December 1<sup>st</sup> for Round Two with a dollar amount for each round of \$12,500,000 for the Aging Infrastructure Grant Program. Mr. Stevenson seconded. Voice vote. All in favor. The motion carried.

**Agenda Item No. 8: Regional Water Sustainability Priority List Project Preliminary Ranking and Funding Stipulations**

Neeley Miller discussed that the Finance Committee had recommended four presentations at three Finance Committee meetings in June for ranked projects of the Regional Water Sustainability Priority List.

Ms. Cole-Hansen moved to host the presentations at a series of Finance Committee meetings based on their ranking, their district, and if they are ARPA fundable. Mr. Van Stone seconded. Voice vote. All in favor. The motion carried.

**Agenda Item No. 9: Secondary Aquifer Planning, Management, and Implementation Fund**

Neeley Miller stated that the Finance Committee recommended adopting the Secondary Aquifer Planning, Management, and Implementation Fund budget. He walked through the budget numbers.

Mr. Olmstead moved to adopt the resolution to adopt the recommended budget for the Secondary Aquifer Planning, Management, and Implementation Fund. 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. 10: State Water Plan**

Brian Patton stated a resolution had been approved at the March board meeting which authorized funds to retain Clive Strong to assist with the revision process for the State Water Plan. Since, the Attorney General's office requested that a new resolution be presented that would recognize that Mr. Strong would not be providing any services as an attorney as that is the role of the AG's office. Mr. Strong's role would be as advisor based solely on his knowledge of the State Water Plan. The resolution also was modified from \$100,000 down to \$30,000 and was meant to supersede the previous resolution passed.

Mr. Barker 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. 11: ESPA Managed Recharge**

Wesley Hipke presented the resolution for managed recharge with New Sweden that had been discussed at the work session.

Mr. Van Stone moved to adopt the resolution which would authorize the use of ARPA funds. 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. 12: Conant Creek Canal Company Loan Request**

Justin Ferguson provided a resolution to approve a loan of up to \$90,000 for the Conant Creek Canal Company.



Mr. Stevenson moved to adopt the resolution to approve the loan at 7.5% interest for a 15-year repayment term. 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. 13: Administrative Rules Update**

Mathew Weaver provided an update on rule making. Guidance from the Division of Financial Management is still expected related to legislative changes regarding rule making. Two rule making negotiations were currently underway.

**Agenda Item No. 14: Director's Report**

Mat Weaver provided an update on behalf of the Director. He discussed the Surface Water Coalition Delivery Call. In April Director Spackman issued the 5<sup>th</sup> Amended Methodology Order and set a hearing for the same for June 6-10, 2023. More decisions were expected in July. Chairman Raybould asked if the folks not covered under a mitigation plan were aware that they could be in jeopardy. Notifications had been sent out. There was more discussion. He provided information on the Swan Falls flows. The final update was related to boundary expansion of Water District 120 and public meetings related to creating new groundwater districts in the area.

**Agenda Item No. 15: Non-Action Items for Discussion**

Mr. Gibbs mentioned an email that had been received from a citizen in Inkom relating to flooding in that area. Mr. Barker mentioned an update on the Cat Creek Project.

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

Mr. Patton stated the next scheduled meetings would be July 20-21, 2023 in Moscow and via an online platform. He also shared a list of several upcoming committee meetings. Mr. Van Stone moved to adjourn. Mr. Stevenson seconded. Voice vote. All ayes. Motion carried. Meeting adjourned at 10:17 AM (MT).

Respectfully submitted this 21<sup>st</sup> day of July 2023.

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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: July 15, 2023  
Re: Financial Status Report



As of **May 31, 2023** the IWRB's available and committed balances are as follows:

## Secondary Aquifer Fund:

Committed/earmarked but not disbursed	\$18,775,351
Uncommitted Balance	\$14,191,317

## Revolving Development Account:

Committed/earmarked but not disbursed	\$34,858,660
Loan principal outstanding	\$17,377,005
Uncommitted Balance	\$2,811,739
Anticipated loanable funds available next 1 year	\$6,311,739

## Water Management Account

Obligated	\$112,062,716
Unobligated Balance	\$182,509,906

<b>Total committed/earmarked/obligated but not disbursed</b>	<b>\$165,696,727</b>
<b>Total loan principal outstanding</b>	<b>\$17,377,005</b>
<b>Total uncommitted/unobligated balance</b>	<b>\$199,512,962</b>

## ARPA

Committed per HB 769	\$100,000,000
Obligated	\$17,301,327
Unobligated	\$8,367,953
Expended	\$74,330,719

- The obligated balance in the Water Management Account includes the \$20M legislative appropriation per HB 285 (FY 2019) for the Anderson Reservoir Enlargement and/or Mountain Home Air Force Base Water Supply Project. The obligated balance also includes \$50M for large infrastructure projects per Senate Bill 1121 (FY 2021) for the Anderson Ranch enlargement, Mountain Air Force Base Water Supply Project, ESPA Managed Aquifer Recharge Program, other projects identified by the IWRB.
- The Water Management Account unobligated balance includes \$75M per HB 769 (FY 2022) to be used for expenditures, loans, or grants for water projects, including studies, to address water sustainability, rehabilitate or improve aging water infrastructure or support flood management. The legislature provided that no more than one-third of these moneys shall be used for grants. At the September 2022

IWRB meeting the IWRB authorized \$12,500,000 in funds for Aging Infrastructure grants (round one). At the January 2023 IWRB meeting the IWRB authorized \$12,500,000 in funds for Aging Infrastructure grants (round two).

- The Water Management Account unobligated balance also includes \$150M per HB 1181 to be used for expenditures, loans, or grants for water projects, including studies to address water sustainability, rehabilitate or improve aging water infrastructure , or support flood management. The legislature provided that the IWRB may provide up to one-third of these moneys for grants.
- In FY 2023 \$72,871,406 expended from the ARPA funds for the Anderson Ranch Reservoir Enlargement.



Idaho Water Resource Board  
Sources and Applications of Funds  
as of May 31, 2023

**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.....	2,540,373.27
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)
<b>Balance of HB291, Sec 2; SB1389, Sec 5; HB270, Sec 3; Other Contributions.....</b>	<b>2,552,788.25</b>

<b>Committed Funds</b>	<b><u>Committed</u></b>	<b><u>Expended</u></b>	<b><u>Carryforward</u></b>	<b><u>Balance</u></b>
<b>HB291 Sec 2, SB1389 Sec 5 &amp; HB270 Sec 3</b>				
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)	0.00	661,054.33
<b>Balance of Committed Funds for HB291, SB1389, HB270.....</b>	<b>2,392,000.00</b>	<b>(1,722,943.31)</b>	<b>(8,002.36)</b>	<b>661,054.33</b>

**State Recharge & Aquifer Stabilization (SRAS) Sub-Account**

Legislative Appropriation (HB547) State Recharge & Aquifer Stabilization.....	44,999,968.00
Recharge Payments - City of Pocatello.....	91,364.00
Carryforward from Recharge Infrastructure Projects Sub-Account.....	2,151,238.59
SRAS Operations - 29822.....	(420,386.34)
SRAS Recharge Conveyance - 29823.....	(15,994,045.29)
SRAS Studies - 29824.....	(807,171.65)
SRAS Projects - 29825.....	(11,545,853.13)
SRAS Monitoring - 29826.....	(2,063,945.88)
SRAS Hydrology Monitoring - 29827.....	(1,340,553.13)
SRAS Grants - 29828.....	0.00
Total Expenditures for HB547 - SRAS.....	(32,171,955.42)
<b>Balance for State Recharge &amp; Aquifer Stabilization Sub-Account.....</b>	<b>15,070,615.17</b>

<b>Committed Funds</b>	<b><u>Committed</u></b>	<b><u>Expended</u></b>	<b><u>Carryforward</u></b>	<b><u>Balance</u></b>
<b>HB547</b>				
SRAS Operations - 29822.....	1,233,880.00	(420,386.34)	(625,439.35)	188,054.31
SRAS Recharge Conveyance - 29823.....	24,250,000.00	(15,994,045.29)	(816,351.70)	7,439,603.01
SRAS Studies - 29824.....	6,923,568.00	(807,171.65)	(4,630,809.87)	1,485,586.48
SRAS Projects - 29825.....	37,817,958.50	(11,545,853.13)	(25,938,466.36)	333,639.01
SRAS Monitoring - 29826.....	3,184,500.00	(2,063,945.88)	(777,571.43)	342,982.69
SRAS Hydrology Monitoring - 29827.....	1,675,000.00	(1,340,553.13)	(260,990.17)	73,456.70
SRAS Grants - 29828.....	0.00	0.00	0.00	0.00
<b>Total HB547 Commitments.....</b>	<b>75,084,906.50</b>	<b>(32,171,955.42)</b>	<b>(33,049,628.88)</b>	<b>9,863,322.20</b>

**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
Carryforward from North Idaho Studies Sub-Account.....	109,351.82
WS Administration - 29840.....	(1,031,825.95)

WS Operations - 29842.....	0.00
WS Recharge Conveyance - 29843.....	0.00
WS Studies - 29844.....	(4,648,737.13)
WS Projects - 29845.....	(636,120.06)
WS Monitoring - 29846.....	0.00
WS Hydrology Monitoring - 29847.....	(1,792,149.61)
WS Hydrology Modeling - 29848.....	(2,551,363.12)
WS Grants - 29849.....	(119,196.03)
WS Programs - 29850.....	(109,583.72)
WS Clouds - 29860.....	(11,618,244.75)
Total Expenditures for Water Sustainability.....	(22,507,220.37)
<b>Balance for Water Sustainability (WS) Sub-Account.....</b>	<b>15,352,131.45</b>

<b>Committed Funds</b>	<b><u>Committed</u></b>	<b><u>Expended</u></b>	<b><u>Carryforward</u></b>	<b><u>Balance</u></b>
<b>SB1190 &amp; SB1402</b>				
WS Admin & Operations - 29840 & 29842.....	1,285,000.00	(1,031,825.95)	(70,976.70)	182,197.35
WS Recharge Conveyance - 29843.....	0.00	0.00	0.00	0.00
WS Studies - 29844.....	8,124,403.00	(4,648,737.13)	(1,021,827.63)	2,453,838.24
WS Projects - 29845.....	3,474,659.00	(636,120.06)	(1,838,652.31)	999,886.63
WS Monitoring - 29846.....	0.00	0.00	0.00	0.00
WS Hydrology Monitoring - 29847.....	3,463,352.82	(1,792,149.61)	(972,832.50)	698,370.71
WS Hydrology Modeling - 29848.....	2,700,000.00	(2,551,363.12)	0.00	148,636.88
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.....	16,287,000.00	(11,618,244.75)	(1,164,400.00)	3,504,355.25
<b>Balance for SB1190 &amp; SB1402.....</b>	<b>36,134,414.82</b>	<b>(22,507,220.37)</b>	<b>(5,549,493.11)</b>	<b>8,077,701.34</b>

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

Department of Energy Grant Reimbursement (\$251K).....	251,000.00
Department of Energy Grant Reimbursement (ESPA).....	928,000.00
Department of Energy Grant Reimbursement (Big Lost).....	1,140,000.00
Department of Energy Grant Reimbursement (Raft River).....	649,859.74
Department of Energy Grant Expenditures (\$251K).....	(251,000.00)
Department of Energy Grant Expenditures (29871 - ESPA).....	(928,000.00)
Department of Energy Grant Expenditures (29872 - Big Lost).....	(1,140,000.00)
Department of Energy Grant Expenditures (29874 - Raft River).....	(658,727.24)
<b>Balance of DOE SEP Grants Sub-Account.....</b>	<b>(8,867.50)</b>

<b>Funds Awarded</b>	<b><u>Total Award</u></b>	<b><u>Expended</u></b>	<b><u>Carryforward</u></b>	<b><u>Balance</u></b>
<b>Dept of Energy SEP Award</b>				
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	(658,727.24)	0.00	173,272.76
<b>Balance of DOE Funds Awarded.....</b>	<b>3,151,000.00</b>	<b>(2,977,727.24)</b>	<b>0.00</b>	<b>173,272.76</b>

**Secondary Aquifer Planning, Management, and Implementation Committed Funds..... 18,775,350.63**

**Secondary Aquifer Planning, Management, and Implementation Available Funds..... 14,191,316.74**

IDAHO WATER RESOURCE BOARD  
Sources and Applications of Funds  
as of May 31, 2023  
REVOLVING DEVELOPMENT ACCOUNT

Original Appropriation (1969).....		\$500,000.00
Legislative Appropriation FY90-91.....		\$250,000.00
Legislative Appropriation FY91-92.....		\$280,700.00
Legislative Appropriation FY93-94.....		\$500,000.00
Legislative Appropriation 2001, SB1239.....		\$200,000.00
Legislative Appropriation 2004, HB843, Sec 12.....		\$500,000.00
Loan Interest.....		\$14,183,804.38
Interest Earned State Treasury (Transferred).....		\$2,800,096.55
Water Supply Bank Receipts.....		\$9,766,618.51
Transferred to/from Water Management Account.....		\$317,253.80
Filing Fee Balance.....		\$47,640.20
Bond Fees.....		\$1,467,101.45
Series 2000 (Caldwell/New York) Pooled Bond Issuers fees.....		\$43,657.93
2012 Ground Water District Bond Issuer fees.....		\$366,000.00
Bond Issuer fees.....		\$17,407.59
Pierce Well Easement.....		\$2,000.00
Transfer from Aqualife Hatchery Sub-Account.....		\$1,117,800.85
Transfer from Pristine Springs Sub-Account.....		\$554,882.10
Legislative Audits.....		(\$49,404.45)
IWRB Bond Program.....		(\$22,300.00)
IWRB Studies and Projects.....		(\$249,067.18)
Arbitrage Calculation Fees.....		(\$14,000.00)
Protest Fees.....		(\$995.00)
Attorney fees for Jughandle LID (Skinner Fawcett).....		(\$3,600.00)
Attorney fees for A&B Irrigation (Skinner Fawcett).....		(\$4,637.50)
Lemhi Basin Protest Costs - (Attorney General's Office).....		(\$32,279.54)
Weiser Galloway Study - US Army Corps of Engineers.....		(\$1,555,450.71)
Boise River Storage Feasibility Study.....		(\$333,000.00)
Geotech Environmental (Transducers).....		(\$6,402.61)
Priest Lake Improvement Study (16-Mar-16).....		(\$917,725.21)
Priest Lake Construction Project Contribution.....		(\$830,864.50)
Treasureton Irrigation Ditch Co.....		(\$5,000.00)
<b>Mountain Home AFB Water Sustainability Project (29514)</b>		
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$4,000,000.00	
JR Simplot - WR Purchase.....	(\$2,500,000.00)	
LeMoyne Appraisal LLC.....	(\$10,500.00)	
IWRB WSB Lease Application.....	(\$750.00)	
Integrated Delivery Solutions - Mark Alpert.....	(\$34,459.18)	
Brown & Caldwell - Owner's Advisor.....	(\$1,218,298.11)	
SPF Engineering - WR Transfer.....	(\$118,715.75)	
Skinner-Fawcett - Bond Counsel.....	(\$31,602.41)	
Pillsbury, Winthrop, & Shaw - DBO Counsel.....	(\$79,839.30)	
Project Costs (mailings, travel, teleconference calls).....	(\$1,769.91)	
Publishing Costs.....	(\$1,648.16)	
Water District 02 Assessments.....	(\$2,417.18)	
<b>Balance for Mountain Home AFB Water Sustainability Project.....</b>		<b>\$0.00</b>
<b>Galloway Dam &amp; Reservoir Project (29517)</b>		
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$2,000,000.00	
Galloway Dam & Reservoir Project Costs (HB 479).....	(\$124,649.52)	
Transfer to Ririe Reservoir Flood Control (SB1190, Sec 7).....	(\$1,875,350.48)	
<b>Balance Galloway Dam &amp; Reservoir Project.....</b>		<b>\$0.00</b>
<b>Boise River (Arrowrock Enlargement) Feasibility Study (29518)</b>		
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$1,500,000.00	
Boise River (Arrowrock Enlargement) Feasibility Study Costs (HB479).....	(\$1,500,000.00)	
<b>Balance Boise River (Arrowrock Enlargement) Feasibility Study (HB479).....</b>		<b>\$0.00</b>
<b>Island Park Enlargement (29520)</b>		
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$2,500,000.00	
Island Park Enlargement Costs (HB 479).....	(\$174,170.00)	
Transfer to Ririe Reservoir Flood Control (SB1190, Sec 7).....	(\$2,325,649.52)	
<b>Balance Island Park Enlargement (HB 479).....</b>		<b>\$180.48</b>
<b>Water Supply Bank Computer Infrastructure (29519)</b>		
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$500,000.00	
Water Supply Bank Computer Infrastructure Costs (HB 479).....	(\$497,350.75)	
<b>Balance Water Supply Bank Computer Infrastructure (HB 479).....</b>		<b>\$2,649.25</b>
<b>Cash Balance of Legislative Appropriation 2014, HB 479 Sec 1 and 2.....</b>		<b>\$2,829.73</b>
<b>Ririe Reservoir Flood Control</b>		
Transfer to Ririe Reservoir Flood Control (SB1190, Sec 7).....	\$4,201,000.00	
Rule Curve Modification Expenditures (Mitigation Inc CON01561).....	(\$830,190.00)	
<b>Cash Balance Ririe Reservoir Flood Control Project.....</b>		<b>\$3,370,810.00</b>
Committed Funds		
Mitigation Inc (CON01561).....	\$639,810.00	
<b>TOTAL COMMITTED FUNDS.....</b>	<b>\$639,810.00</b>	
<b>Uncommitted Ririe Reservoir Flood Control.....</b>		<b>\$2,731,000.00</b>
<b>Minidoka Dam Enlargement/Teton Dam Replacement Studies (29510)</b>		
Legislative Appropriation 2008, SB1511 Sec 2, Minidoka/Teton Studies.....	\$1,800,000.00	
Legislative Appropriation 2008, SB1511 Sec 2, Minidoka Studies Expenditures.....	(\$1,229,460.18)	
<b>Balance for Minidoka Dam Enlargement/Teton Dam Replacement Studies.....</b>		<b>\$570,539.82</b>



<b>Priest Lake Water Management Project (29521)</b>		
Legislative Appropriation (2018, HB 677 Sec 5).....	\$2,400,000.00	
Legislative Approval (2018, HB 677 Sec 6).....	\$2,419,580.50	
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.....	\$206,963.89	
<b>Total Priest Lake Water Management Project Revenue.....</b>		<b>\$1,437,408.89</b>
Contract Expenditures - Mott MacDonald (CON01426).....	(\$638,162.35)	
Dam Operator Contracts.....	(\$40,358.52)	
Misc Expenditures.....	(\$17,238.91)	
<b>Total Priest Lake Water Management Project Expenditures.....</b>		<b>(\$695,759.78)</b>
<b>Cash Balance Priest Lake Water Management Project.....</b>		<b>\$741,649.11</b>
Committed Funds		
Dam Operator Contracts (CON01445, CON01453, CON01454).....	\$0.00	
Dam Operator Contracts (CON01541, CON01542).....	\$14,723.54	
Mott MacDonald Contract (CON01426).....	\$0.00	
<b>TOTAL COMMITTED FUNDS.....</b>	<b>\$14,723.54</b>	
<b>Uncommitted Priest Lake Water Management Project Balance.....</b>		<b>\$726,925.57</b>
<b>Priest Lake Construction Project (29522)</b>		
Transfer to Priest Lake Construction Project.....	\$4,169,135.50	
Contribution from Uncommitted Funds.....	\$830,864.50	
Local Contribution.....	\$0.00	
<b>Total Priest Lake Construction Project Revenue.....</b>		<b>\$5,000,000.00</b>
Mott MacDonald Expenditures (CON01484).....	(\$1,196,687.04)	
Strider Construction - Outlet Dam Expenditures (CON01480).....	(\$1,184,270.75)	
Strider Construction - Thorofare Expenditures (CON01481).....	(\$2,052,265.86)	
Builder's Risk Insurance.....	(\$8,015.00)	
Butler Spink LLP (CON01597).....	(\$2,175.00)	
IDL Mineral Lease.....	(\$2,160.00)	
Legal Advertisement.....	(\$670.30)	
Kirton McConkie (CON01615).....	(\$46,588.76)	
<b>Total Priest Lake Construction Project Expenditures.....</b>		<b>(\$4,492,832.71)</b>
<b>Cash Balance Priest Lake Construction Project.....</b>		<b>\$507,167.29</b>
Committed Funds		
Mott MacDonald Contract (CON01484).....	\$81,581.36	
Strider Construction - Outlet Dam (CON01480).....	\$416,838.25	
Strider Construction - Thorofare (CON01481).....	\$0.00	
Construction Contingency (Kirton McConkie - CON01615).....	\$9,417.98	
<b>TOTAL COMMITTED FUNDS.....</b>	<b>\$507,837.59</b>	
<b>Uncommitted Priest Lake Construction Project Balance.....</b>		<b>(\$670.30)</b>
<b>Bell Rapids Water Rights Sub-Account</b>		
Legislative Appropriation 2005, HB392.....	\$21,300,000.00	
Bureau of Reclamation Payments Received.....	\$29,446,335.46	
Remaining balance in ESPA Sub-Account.....	\$341,759.55	
Water Supply Bank Payments - Owner's Share.....	\$70,740.00	
Interest Earned State Treasury.....	\$698,613.04	
<b>Total Bell Rapids Water Rights Sub-Account Revenue.....</b>		<b>\$51,857,448.05</b>
Bell Rapids Purchase.....	(\$22,041,697.55)	
Transfer to General Fund - P&I.....	(\$22,072,052.06)	
Payment to US Bank for Alternative Financing Note.....	(\$7,118,125.86)	
Payment for Water District 02 Assessments.....	(\$135,206.79)	
Payment for Ongoing Bell Rapids Finance Costs (trustee fees, water bank	(\$6,740.10)	
<b>Total Bell Rapids Water Rights Sub-Account Expenditures.....</b>		<b>(\$51,373,822.36)</b>
<b>Cash Balance Bell Rapids Water Rights Sub-Account.....</b>		<b>\$483,625.69</b>
Committed Funds		
Ongoing Bell Rapids Finance Costs (trustee fees, WD02).....	\$412,885.69	
<b>TOTAL COMMITTED FUNDS.....</b>	<b>\$412,885.69</b>	
<b>Uncommitted Bell Rapids Water Rights Sub-Account Balance.....</b>		<b>\$70,740.00</b>
<b>Pristine Springs Project Sub-Account</b>		
Rental Payments to be Transferred to Secondary Aquifer Fund.....	\$961,675.10	
Loan Interest.....	\$3,099,559.01	
Loan Principal from Magic Valley & North Snake GWD.....	\$7,512,101.09	
<b>Total Pristine Springs Project Revenue to be Transferred.....</b>		<b>\$11,573,335.20</b>
Total Pristine Springs Project Revenue Transferred to 0129-01.....	(\$5,129,300.00)	
Total Pristine Springs Project Revenue Transferred to 0129.....	(\$5,728,000.00)	
<b>Total Pristine Springs Project Sub-Account Transfers.....</b>		<b>(\$10,857,300.00)</b>
<b>Cash Balance Pristine Springs Sub-Account.....</b>		<b>\$716,035.20</b>
Pristine Springs Committed Funds		
Loan Payments to be transferred to 0129.....	\$0.00	
<b>TOTAL COMMITTED FUNDS.....</b>	<b>\$0.00</b>	
<b>Loans Outstanding for Purchase of PS Water Rights</b>		
Loan to North Snake & Magic Valley GWD.....	\$10,000,000.00	
Payments from North Snake & Magic Valley GWD.....	(\$7,512,101.09)	
<b>Total Loans Outstanding.....</b>	<b>\$2,487,898.91</b>	
<b>Uncommitted Pristine Springs Sub-Account.....</b>		<b>\$716,035.20</b>
<b>Rathdrum Prairie CAMP &amp; Treasure Valley CAMP Sub-Account</b>		
Pristine Springs Hydropower and Rental Revenues.....	\$271,672.34	
Interest Earned State Treasury.....	\$573.11	
<b>Rathdrum Prairie CAMP &amp; Treasure Valley CAMP Sub-Account Revenue.....</b>		<b>\$272,245.45</b>
Spokane River Forum.....	(\$23,000.00)	

Treasure Valley Water Quality Summit.....	(\$500.00)	
Kootenai-Shoshone Soil & Water Cons. Dist. - AgriMet Station.....	(\$20,000.00)	
Rathdrum Prairie-Spokane Valley Aquifer Pumping Study (CON00989).....	(\$70,000.00)	
Idaho Washington Aquifer Collaborative.....	(\$10,000.00)	
<b>Rathdrum Prairie CAMP &amp; Treasure Valley CAMP Sub-Account Expenditures.....</b>		<b>(\$123,500.00)</b>
<b>Cash Balance Rathdrum Prairie CAMP &amp; Treasure Valley CAMP Sub-Account.....</b>		<b>\$148,745.45</b>
Committed Funds		
Spokane River Forum.....	\$0.00	
<b>TOTAL COMMITTED FUNDS.....</b>	<b>\$0.00</b>	
<b>Uncommitted Rathdrum Prairie CAMP &amp; TV CAMP Sub-Account.....</b>		<b>\$148,745.45</b>
<b>Upper Salmon/CBWTP Sub-Account</b>		
Water Transaction Projects Payment Advances from CBWTP/accord .....	\$6,745,469.03	
PCSRF Funds for Admin of Non-Diversion Easements on Lemhi River.....	\$216,584.46	
Interest Earned State Treasury.....	\$440,892.61	
<b>Upper Salmon/CBWTP Sub-Account Revenue.....</b>		<b>\$7,402,946.10</b>
Transfer to Water Supply Bank.....	(\$115,330.86)	
Change of Ownership.....	(\$600.00)	
Appraisals/Closing Costs.....	(\$14,155.98)	
Payments for Water Acquisition .....	(\$3,944,083.84)	
<b>Upper Salmon/CBWTP Sub-Account Expenditures.....</b>		<b>(\$4,074,170.68)</b>
<b>Cash Balance CBWTP Sub-Account.....</b>		<b>\$3,328,775.42</b>
Committed Funds		
Administration of Non-Diversion Easements on Lemhi River.....	\$125,815.61	
Bar G Farms (Pahsimeroi- Little Mud).....	\$5,418.11	
Bayhorse Creek (Peterson Ranch).....	\$21,907.26	
Badger Creek (OWBP) WSB.....	\$2,389.10	
Beaver Creek (DOT LLP).....	\$92,738.78	
Big Timber Tyler Phase I(Leadore Land Partners).....	\$290,972.55	
Big Timber Tyler Phase II (Leadore Land Partners).....	\$80,594.95	
Bohannon Creek DJ (Barbara Stokes).....	\$742,923.25	
Bohannon Creek BS (Betty Stokes).....	\$365,336.90	
Canyon Creek/Big Timber Creek (Beyeler).....	\$285,303.51	
Carmen Creek (Bill Slavin).....	\$171,388.64	
Carmen Creek (Bruce Slavin).....	\$107,547.72	
Fourth of July Creek (Defiance Investments).....	\$10,930.59	
Iron Creek (Koncz).....	\$103,728.30	
Knapp Creek (Cape Horn Ranch LLC).....	\$7,445.88	
Kenney Creek Source Switch (Gail Andrews).....	\$17,414.85	
Lemhi - Big Springs (Merrill Beyeler).....	\$43,024.93	
Lemhi River & Little Springs Creek Kauer (McFarland Livestock Co).....	\$13,719.07	
Little Springs Creek (Snyder).....	\$183,492.47	
Lower Eighteenmile Creek (Ellsworth Angus Ranch).....	\$1,777.78	
Lower Lemhi Thomas (Robert Thomas).....	\$900.00	
P-9 Bowles (River Valley Ranch).....	\$151,916.86	
P-9 Charlton (Sydney Downton).....	\$10,108.91	
P-9 Downton (Western Sky LLC).....	\$121,136.84	
P-9 Elzinga (Elzinga).....	\$149,836.35	
Patterson-Big Springs PBSC9 (Silver Bit Angus/S Whitworth).....	\$126,829.26	
Pole Creek (Salmon Falls Land).....	\$524,148.94	
Pratt Creek (Mulkey).....	\$69,614.63	
Spring Creek (Richard Beard).....	\$1,562.61	
Spring Creek (Ella Beard).....	\$2,285.76	
Whitefish (Leadore Land Partners).....	\$80,912.76	
<b>Total Committed Funds.....</b>	<b>\$3,913,123.17</b>	
<b>Uncommitted CBWTP Sub-Account Balance.....</b>		<b>(\$584,347.75)</b>
<b>Water Supply Bank Sub-Account</b>		
Interest Earned State Treasury.....	\$49,875.90	
Payments received from renters.....	\$6,654,478.84	
Payments made to owners.....	(\$5,899,718.06)	
<b>Cash Balance Water Supply Bank Sub-Account.....</b>		<b>\$804,636.68</b>
Committed Funds:		
Owners Share.....	\$754,797.58	
<b>Total Committed Funds.....</b>	<b>\$754,797.58</b>	
<b>Uncommitted Water Supply Bank Sub-Account Balance.....</b>		<b>\$49,839.10</b>
<b>Eastern Snake Plain Sub-Account</b>		
Legislative Appropriation 2005, HB392.....	\$7,200,000.00	
Legislative Appropriation 2005, HB392, CREP Program.....	\$3,000,000.00	
Interest Earned State Treasury.....	\$2,120,472.93	
Loan Interest.....	\$297,798.67	
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	
<b>Eastern Snake Plain Sub-Account Revenue.....</b>		<b>\$13,878,927.22</b>
Installment payments to Bell Rapids Irr Co.....	(\$3,375,180.00)	
Interest Credit due to Bureau of Reclamation (Part of Fourth Installment) ..	(\$19,860.45)	
Pristine Springs Project Costs.....	(\$6,863.91)	
Palisades (FMC) Storage Costs.....	(\$3,533,532.05)	
W-Canal Project Costs.....	(\$326,834.11)	
Additional recharge projects preliminary development.....	(\$7,919.75)	
Transfer to Bell Rapids Sub Account.....	(\$341,759.55)	
Transfer to Pristine Springs Sub Account.....	(\$1,000,000.00)	
Transfer to Priest Lake Sub-Account (2018 HB 677, Sec 6).....	(\$2,419,580.50)	
<b>Eastern Snake Plain Sub-Account Expenditures.....</b>		<b>(\$12,146,946.94)</b>
<b>Cash Balance Eastern Snake Plain Sub-Account.....</b>		<b>\$1,731,980.28</b>

Loans and Other Commitments		
Commitment - Additional recharge projects preliminary development.....	\$337,594.00	
Commitment - Palasades Storage O&M.....	\$3,221.64	
Commitment - Black Canyon Exchange Project (fund with ongoing revenue).....	\$442,252.95	
Total Loans and Other Commitments.....	\$783,068.59	
<b>Eastern Snake Plain Sub-Account Balance after Commitments.....</b>		<b>\$948,911.69</b>
CREP Loans Outstanding:		
American Falls-Aberdeen GWD (CREP).....	\$316.52	
Bonneville Jefferson GWD (CREP).....	\$6,556.58	
Magic Valley GWD (CREP).....	\$0.00	
North Snake GWD (CREP).....	\$0.00	
TOTAL ESP CREP LOANS OUTSTANDING.....	\$6,873.10	
<b>Uncommitted Eastern Snake Plain Sub-Account Balance.....</b>		<b>\$942,038.59</b>
<b>Dworshak Hydropower Project</b>		
Power Sales & Other.....	\$15,565,886.73	
Interest Earned State Treasury.....	\$1,177,694.68	
<b>Total Dworshak Project Revenue.....</b>		<b>\$16,743,581.41</b>
Operations & Maintenance.....	\$3,753,298.43	
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	
<b>Total Dworshak Project Expenditures.....</b>		<b>(\$5,481,107.74)</b>
<b>Cash Balance Dworshak Hydropower Project.....</b>		<b>\$11,262,473.67</b>
Dworshak Project Committed Funds		
Emergency Repair/Future Replacement Fund.....	\$6,264,221.13	
FERC Fee Payment Fund.....	\$0.00	
Total Dworshak Project Committed Funds.....	\$6,264,221.13	
<b>Uncommitted Dworshak Hydropower Project Sub-Account Balance.....</b>		<b>\$4,998,252.54</b>
<b>TOTAL.....</b>		<b>\$33,888,489.20</b>

Loans Outstanding:	Amount Loaned	Principal Balance
A&B Irrigation District (Pipeline & Pumping Plant, Dec).....	\$3,500,000.00	\$2,370,993.25
A&B Irrigation District (Pipeline & Pumping Plant, Sept).....	\$3,500,000.00	\$2,527,630.02
Bannock Feeder Canal.....	\$335,110.00	\$179,220.13
Bee Line Water Association (Sep 23, 2014; System Improvements).....	\$600,000.00	\$487,807.72
Bennington Irrigation Company (Infrastructure replacement).....	\$200,000.00	\$65,139.96
Blaine County Canal Co.....	\$933,356.00	\$158,492.99
Boise Warm Springs Water District.....	\$2,810,000.00	\$40,868.35
Canyon County Drainage District No. 2 ( 28-Nov-12; Drain tile pipeline repla	\$35,000.00	\$0.00
Clearview Water Company.....	\$50,000.00	\$11,113.51
Cloverdale Ridge Water Corporation (Irrigation infrastructure).....	\$56,615.00	\$53,580.99
Consolidated Irrigation Company (July 20, 2012; pipeline project).....	\$500,000.00	\$331,914.26
Dalton Water Association.....	\$1,036,900.00	\$872.76
Evans Water Corporation & HOA.....	\$20,000.00	\$11,905.75
Foothill Ranch Homeowners Association (7-oct-11; well rehab).....	\$150,000.00	\$55,606.80
Goose Lake Reservoir Corp.....	\$320,000.00	\$191,398.79
King Hill Water Corporation (Irrigation infrastructure replacement).....	\$1,500,000.00	\$1,500,000.00
Lakeview Estate Subdivision HOA.....	\$65,000.00	\$22,383.28
Last Chance Canal Company (14-July-2015, diversion dam rebuild).....	\$2,500,000.00	\$1,613,179.75
Marysville Irrigation Company (9-May-08, Pipeline Project Phase 2).....	\$1,100,000.00	\$93,312.68
Milner Irrigation District (pipeline replacement).....	\$2,000,000.00	\$1,844,421.56
North Side Canal Company (Phase 1 - canal rehab project).....	\$1,846,092.61	\$1,386,175.65
Outlet Water Association (22-Jan-16; new well & improvements).....	\$100,000.00	\$48,966.35
Picabo Livestock Co Inc.....	\$95,000.00	\$91,610.69
Pinehurst Water District (23-Jan-15).....	\$100,000.00	\$17,110.66
Point Springs Grazing Association (July 20, 2012; stock water pipeline).....	\$48,280.00	\$6,276.90
Point Springs Grazing Association.....	\$47,335.53	\$30,000.00
Producers Irrigation Company.....	\$102,127.50	\$20,861.08
Reynolds Irrigation District.....	\$250,000.00	\$250,000.00
South Valley Ground Water District.....	\$150,000.00	\$122,425.86
St. Johns Irrigating Company (14-July-2015; pipeline project).....	\$1,417,905.22	\$1,049,698.70
Twin Lakes Canal Company (Winder Lateral Pipeline Project).....	\$500,000.00	\$9,551.25
Valley County Local Improvement District No. 1/Jughandle HOA (well project)	\$907,552.00	\$289,713.79
<b>TOTAL LOANS OUTSTANDING.....</b>		<b>\$14,882,233.48</b>

<b>Loans and Other Funding Obligations:</b>	
Reserved for Future Loans.....	\$0.00
Bannock Feeder Canal.....	\$155,889.87
Barber Pool Hydro.....	\$850,670.00
Bennington Irrigation Company.....	\$82,815.18
Blaine County Canal Co.....	\$364,857.80
Boise City Canal Company.....	\$200,000.00
Boise Warm Springs Water District.....	\$2,769,131.65
Chester Canal & Irrigation Company.....	\$34,895.00
Cloverdale Ridge Water Corporation.....	\$36,000.00
Enterprize Canal Company.....	\$3,588,856.00
Falls Irrigation District.....	\$8,894,500.00
King Hill Water Corporation (Irrigation infrastructure replacement).....	\$0.00
Lakeview Estates Subdivision HOA.....	\$42,616.72
North Fremont Canal Company.....	\$500,000.00
Point Springs Grazing Association.....	\$17,335.53



Southeast Idaho Canal Company.....	\$0.00
<b>TOTAL LOANS AND OTHER FUNDING OBLIGATIONS.....</b>	<b>\$17,537,567.75</b>
<b>Uncommitted Funds.....</b>	<b>\$1,468,687.97</b>
<b>TOTAL.....</b>	<b>\$33,888,489.20</b>

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

Idaho Water Resource Board  
Sources and Applications of Funds  
as of May 31, 2023  
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.....	\$127,084.21	
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)	
WRB Appraisal Study (Charles Thompson).....	(\$5,000.00)	
Western States Water Council Annual Dues.....	(\$7,500.00)	
Transfer to/from Revolving Development Account.....	(\$317,253.80)	
Recharge Projects.....	(\$11,426.88)	
Grants Disbursed.....	(\$1,632,755.21)	
Obligated 1994 (HB988).....	(\$39,985.75)	
SB1260, Aquifer Recharge.....	(\$947,000.00)	
SB1260, Soda (Caribou) Dam Study.....	(\$53,000.00)	
Sugarloaf Aquifer Recharge Project (SB1239, 2001).....	(\$55,953.69)	
ESPA Settlement Water Rentals (HB 843, 2004).....	(\$504,000.00)	
ESP Aquifer Management Plan (SB1496, 2006).....	(\$300,000.00)	
ESP Aquifer Management Plan (HB320, 2007).....	(\$801,077.75)	
<b>CASH BALANCE</b> .....		<b>\$123,853.43</b>
<b>Other Funding Obligations</b>		
ESPA Settlement Water Rentals (HB 843, 2004).....	\$16,000.00	
<b>Other Funding Obligations</b> .....		<b>\$16,000.00</b>
<b>Original Water Mgmt Account Unobligated Funds</b> .....		<b>\$107,853.43</b>

<b>Large Water Projects Program Sub-Account</b>			
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 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).....	\$150,000,000.00		
Interest Earned State Treasury.....	\$3,701,459.67		
<b>Total Revenue for Large Water Projects Program Sub-Account</b> .....		<b>\$298,701,459.67</b>	
Municipal Capital Markets Group Inc (CON01518).....	(\$8,102.50)		
DOI-BOR Agreement.....	(\$1,223,944.00)		
Priest Lake Outlet Dam - Litigation contract (CON1615).....	(\$134,753.33)		
Grants Disbursed for HB 769, Sec 6 - Aging Infrastructure Grants.....	(\$4,759,842.34)		
<b>Total Expenditures for Large Water Projects Program Sub-Account</b> .....		<b>(\$6,126,642.17)</b>	
<b>Cash Balance for Large Projects Program Sub-Account</b> .....			<b>\$292,574,817.50</b>

<b>Large Water Projects Program Obligated Funds</b>			
Anderson Ranch Dam Raise Interim Funding.....	\$16,367,953.50		
Mountain Home Air Force Base Sustainable Water Project.....	\$28,000,000.00		
Eastern Snake Plain Aquifer Recharge Infrastructure.....	\$22,400,000.00		
Bear Lake Additional Water Storage.....	\$2,000,000.00		
Priest Lake Outlet Dam - Litigation contract (CON1615).....	\$318,055.72		
<b>Total Large Water Projects Program Obligated Funds</b> .....		<b>\$69,086,009.22</b>	
		<b>Remaining</b>	<b>Balance</b>
<b>Aging Infrastructure Program Grants (Round 1)</b>			
Bannock Feeder Canal Co(CON01627 - Diversion Replacement).....	Grant Amount	Expenditures	Balance
Big Lost River Irrigation Dist (CON01630 - Dam Repair).....	250,000.00	(250,000.00)	0.00
Boise Project Board of Control (CON01625 - New York Canal Lining).....	2,000,000.00		2,000,000.00
Chester Canal & Irrigation Company (CON01623 - Diversion Headgate).....	2,418,900.00		2,418,900.00
Dalton Gardens Irrigation District (CON01624 - Delivery Improvements).....	29,725.00		29,725.00
Enterprise Canal Company (CON01628 - Rehabilitation of Conveyance System).....	23,460.00		23,460.00
Falls Irrigation District (CON01629 - Pump Station Rehab).....	2,736,227.00	(2,584,350.00)	151,877.00
Fremont Madison Irrigation District (CON01621 - Headgate Modernization & Automation).....	200,588.00	(66,982.75)	133,605.25
King Hill Irrigation District (CON01620 - Pump Station & Closed Conduit).....	58,200.00		58,200.00
Nampa-Meridian Irrigation District (CON01637 - Ridenbaugh Canal Modernization).....	1,980,259.00	(1,748,751.59)	231,507.41
North Side Pumping Company (CON01626 - Pump Station/Canal Abandonment).....	1,820,048.00		1,820,048.00
Water District 63 (CON01622 - Monitoring System Upgrades).....	951,800.00		951,800.00
Balance for Aging Infrastructure Grants - Round 1.....	30,793.00	(30,793.00)	0.00
	12,500,000.00	(4,680,877.34)	7,819,122.66
<b>Aging Infrastructure Program Grants (Round 2)</b>			
WRV Board of Control.....	309,000.00		309,000.00
Falls Irrigation District.....	2,000,000.00		2,000,000.00
Cub River Irrigation Company.....	1,000,000.00		1,000,000.00
Nampa Meridian Irrigation District.....	1,866,116.00		1,866,116.00
Curran Ditch Users Association.....	16,100.00		16,100.00
HFF Conant Creek.....	499,145.00		499,145.00
Island Ward Canal Co.....	11,945.00		11,945.00
North Side Canal Company.....	2,000,000.00		2,000,000.00
King Hill Irrigation District.....	828,501.00		828,501.00
Twin Falls Canal Company.....	245,547.00		245,547.00
Big Lost Irrigation District.....	900,000.00		900,000.00
Boise City Canal Company.....	122,000.00		122,000.00
Hat Butte Mutual Canal Company.....	78,965.00	(78,965.00)	0.00
Solenberger Ditch Company.....	3,000.00		3,000.00

Sunnydell Irrigation District.....	30,233.00		30,233.00
Twin Falls Canal Company.....	44,037.00		44,037.00
Burley Irrigation District.....	891,000.00		891,000.00
Hayden Lake Irrigation District.....	1,654,411.00		1,654,411.00
Balance for Aging Infrastructure Grants - Round 1.....	12,500,000.00	(78,965.00)	12,421,035.00
<b>Total Aging Infrastructure Program Obligated Funds.....</b>	<b>25,000,000.00</b>	<b>(4,759,842.34)</b>	<b>\$20,240,157.66</b>
<b>Water Project Loan Program</b>			
North Side Pumping Company.....	\$1,200,000.00		
North Side Canal Company.....	\$5,000,000.00		
King Hill Irrigation District.....	\$500,000.00		
Raft River Recharge Group.....	\$14,111,000.00		
<b>Total Water Project Loan Program Obligated Funds.....</b>			<b>\$20,811,000.00</b>
<b>Large Water Projects Program Unobligated Funds.....</b>			<b>\$182,437,650.62</b>

<b>Water Quality Collection Program Sub-Account</b>			
Legislative Appropriation (HB 285, Sec 3, 2019).....	\$200,000.00		
Legislative Appropriation (HB 646, Sec 5, 2020).....	\$200,000.00		
Legislative Appropriation (HB 646, Sec 5, 2021).....	\$200,000.00		
Interest Earned State Treasury.....	\$9,338.24		
<b>Total Revenue for Water Quality Collection Program Sub-Account.....</b>			<b>\$609,338.24</b>
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.....	(\$92,208.52)		
<b>Total Expenditures for Water Quality Collection Program Sub-Account.....</b>			<b>(\$492,208.52)</b>
<b>Cash Balance for Water Quality Collection Program Sub-Account.....</b>			<b>\$117,129.72</b>
<b>Water Quality Collection Program Obligated Funds</b>			
DOI-USGS Agreement FY 2022 - Mid-Snake River.....	\$107,791.48		
<b>Total Water Quality Collection Program Obligated Funds.....</b>			<b>\$107,791.48</b>
<b>Water Quality Collection Program Unobligated Funds.....</b>			<b>\$9,338.24</b>

<b>Flood Management Program Sub-Account</b>			
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		
Interest Earned State Treasury.....	\$76,127.32		
<b>Total Revenue for Flood Management Program Sub-Account.....</b>			<b>\$4,476,127.32</b>
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).....	(\$540,243.24)		
Grants Disbursed for Leg Approp (SB1190, Sec 5, 2021, Flood Mgmt Pgm-Year 4).....	(\$541,219.53)		
Grants Disbursed for Leg Approp (HB 769, Sec 5, 2022, Flood Mgmt Pgm-Year 5).....	(\$111,913.63)		
<b>Total Expenditures for Flood Management Program Sub-Account.....</b>			<b>(\$2,719,305.30)</b>
<b>Cash Balance for Flood Management Program Sub-Account.....</b>			<b>\$1,756,822.02</b>

<b>Flood Management Grant Program Obligated Funds</b>			
	<b>Grant Amount</b>	<b>Expenditures</b>	<b>Remaining Balance</b>
<b>Flood Management Program grants - Year 1 (HB712, Sec 1, 2018)</b>			
Flood Control District 9 (CON01303).....	90,000.00	(84,851.70)	5,148.30
Blaine County (CON01304).....	121,331.00	(121,331.00)	0.00
Cassia County (CON01305).....	42,336.38	(19,618.16)	22,718.22
Flood Control District 10 (CON01306 - New Dry Creek River Bank).....	78,400.00	(62,156.50)	16,243.50
Flood Control District 10 (CON01307 - Duck Alley Pit Capture).....	153,550.00	(105,470.43)	48,079.57
Flood Control District 10 (CON01308 - Porter & Mulchay Gravel Removal).....	38,808.00	(35,250.77)	3,557.23
Clearwater Soil & Water Conservation Dist (CON01309).....	155,220.00	(155,219.00)	1.00
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)
<b>Balance for Year 1 Flood Mgmt Grants.....</b>	<b>901,677.56</b>	<b>(901,677.56)</b>	<b>0.00</b>
<b>Flood Management Program grants - Year 2 (HB285, Sec 3, 2019)</b>			
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)
<b>Balance for Year 2 Flood Mgmt Grants.....</b>	<b>624,251.34</b>	<b>(624,251.34)</b>	<b>0.00</b>
<b>Flood Management Program grants - Year 3 (HB646, Sec 5, 2020)</b>			
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
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



<i>City of Orofino - Orofino Creek (CON01496).....</i>	<i>200,000.00</i>	<i>(200,000.00)</i>	<i>0.00</i>
<i>Twin Falls Canal Company &amp; City of Twin Falls (CON01497).....</i>	<i>50,962.00</i>	<i>(50,962.00)</i>	<i>0.00</i>
<i>Uncommitted from HB646 Year 3.....</i>	<i>0.00</i>		<i>0.00</i>
<b>Balance for Year 3 Flood Mgmt Grants.....</b>	<b>860,945.38</b>	<b>(540,243.24)</b>	<b>320,702.14</b>
<b>Flood Management Program grants - Year 4 (SB1190, Sec 5, 2021)</b>			
North Side Canal Company - Red Bridge Flood Mgmt Storage Pond (CON01564).....	200,000.00		200,000.00
Flood District 9 - Bellevue Side Channel Project (CON01565).....	111,508.00		111,508.00
<b><i>Nez Perce County &amp; NPSWCD - Streambank Project.....</i></b>	<b><i>100,000.00</i></b>	<b><i>(100,000.00)</i></b>	<b><i>0.00</i></b>
<b><i>Flood District 17 - Rathdrum Creek Debris Project (CON01567).....</i></b>	<b><i>6,375.00</i></b>	<b><i>(6,375.00)</i></b>	<b><i>0.00</i></b>
Adams Soil & Water Conservation District - Grays Creek Project (CON01568).....	17,606.00	(17,227.40)	378.60
<b><i>Clearwater Soil &amp; Water Conservation Dist - Heywood Bridge Project (CON01569).....</i></b>	<b><i>37,475.00</i></b>	<b><i>(37,475.00)</i></b>	<b><i>0.00</i></b>
<b><i>Clearwater Soil &amp; Water Conservation Dist - Swanson's Loop Project (CON01563).....</i></b>	<b><i>200,000.00</i></b>	<b><i>(200,000.00)</i></b>	<b><i>0.00</i></b>
Reid Canal Company - Bannock Feeder Project (CON01570).....	200,000.00	(119,788.68)	80,211.32
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
<b>Balance for Year 4 Flood Mgmt Grants.....</b>	<b>980,936.00</b>	<b>(541,219.53)</b>	<b>439,716.47</b>
<b>Flood Management Program grants - Year 5 (HB769, Sec 5, 2022)</b>			
Boise River Flood Control District 10 (CON01605).....	83,265.00	(83,265.00)	0.00
Goose Creek Flood Project (CON01602).....	200,000.00		200,000.00
City of Lewiston Flood Project (CON01603).....	106,352.00		106,352.00
Madison County Flood Control Diversion Project (CON01604).....	126,392.00		126,392.00
Boise River Flood Control District 10 (CON01605).....	125,000.00		125,000.00
Madison County Teton River Splitter Gate Project (CON01606).....	47,859.00		47,859.00
Twin Lakes Flood Control District (CON01607).....	8,000.00	(8,000.00)	0.00
Squaw Creek Ditch Company (CON01608).....	125,000.00		125,000.00
Riverside Water & Sewer District (CON01609).....	200,000.00	(20,648.63)	179,351.37
ESPAR & Madison County Flood Diversion Project (CON01610).....	47,300.00		47,300.00
Clearwater SWCD Garden Creek Project (CON01611).....	84,085.00		84,085.00
Uncommitted from HB769 Year 5.....	0.00		0.00
<b>Balance for Year 5 Flood Mgmt Grants.....</b>	<b>1,153,253.00</b>	<b>(111,913.63)</b>	<b>1,041,339.37</b>
<b>Obligated for Flood Management Grants.....</b>	<b>\$4,521,063.28</b>	<b>(\$2,719,305.30)</b>	<b>\$1,801,757.98</b>
<b>Flood Management Grants Unobligated Funds.....</b>			<b>(\$44,935.96)</b>

<b>TOTAL OBLIGATED FUNDS BALANCE.....</b>	<b>\$112,062,716.34</b>
<b>Unobligated Funds.....</b>	<b>\$182,509,906.33</b>

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

Idaho Water Resource Board  
Sources and Applications of Funds  
as of May 31, 2023  
AMERICAN RESCUE PLAN ACT ACCOUNT

Legislative Appropriation (HB 769, Sec 8).....	100,000,000.00
USDOI/BLM - Anderson Ranch CON 21WN102130.....	(72,871,406.00)
Mountain Home Air Force Base pipeline.....	(51,313.16)
Recharge Project Expenditures.....	(1,408,000.50)
Total ARPA Fund Expenditures.....	(74,330,719.66)
<b>Total Cash Balance ARPA.....</b>	<b><u>25,669,280.34</u></b>
Obligated ARPA Funds	
USDOI/BLM - Anderson Ranch CON 21WN102130.....	28,594.00
Mountain Home Air Force Base pipeline.....	4,948,686.84
Recharge Projects	
Minidoka Irrigation Dist - Goyne Sump Recharge Project.....	3,387,047.00
Hamer Road Recharge Project.....	5,000,000.00
Southwest Irrigation Dist - Big Sky & Murtaugh Injection Well.....	245,000.00
Enterprize Canal Company - 55th Road.....	1,700,000.00
Enterprize Canal Company - Swan Highway Project.....	1,991,999.50
Total Obligated ARPA Funds.....	<u>17,301,327.34</u>
<b>TOTAL UNOBLIGATED ARPA FUNDS.....</b>	<b><u>8,367,953.00</u></b>

# Memorandum



To: Idaho Water Resource Board

From: Mike Morrison

Date: July 14, 2023

Re: Priest Lake Outlet Dam Improvement Project

---

**REQUIRED ACTION:** The Board will consider approval of two resolutions. The first is to authorize expenditure of funds from the Water Management Account to cover the costs of engineering and construction management support needed for this project. The second is to approve funds for the costs of litigation in the Strider matter.

---

Status: Staff completed contractor pre-qualification on May 19<sup>th</sup> and conducted pre-bid conferences with both pre-qualified contractors at the Priest Lake Outlet Dam on June 26<sup>th</sup> and 27<sup>th</sup>. The deadline for contractors to submit bids is July 24<sup>th</sup>. The winning contractor will complete work not completed by the previous contractor during construction Seasons 1 and 2 (Winter months of 2020-2021 and 2021-2022, respectively) including replacement of 11 Tainter gate J-Seals, extension of a portion of the concrete apron below the dam, placement of additional armor stone beneath the dam, and various minor improvements and repairs. This work will be completed during Season 3 (Winter 2023-2024).

Engineering and Construction Management Services: Since August 2020, the firm of Mott MacDonald, LLC (Mott MacDonald) has provided engineering and construction management services for this project under Contract No. CON01484. These services include regulatory and permitting support, project management, provision of an on-site resident engineer during construction, and review of pay applications and submittals from the contractor.

Staff recommends that Mott MacDonald continue providing engineering and construction management services through Season 3. Amendment 7 extends Contract No. CON01484 through Season 3. Estimated Amendment 7 costs are \$483,110.

Board Resolution: Staff requests that the Board consider approval of the attached resolution authorizing expenditure of up to \$500,000 to cover the costs of Amendment 7 engineering and construction management services and to provide a small contingency fund. Staff will request more funds to cover construction costs after the conclusion of contract negotiations. A second resolution to approve funds for the costs of litigation in the Strider matter will also be discussed and presented at the Board meeting.



### **Milestones and Tentative Timeline**

- July 24, 2023: Deadline for construction contractors to submit bids.
- July – August 2023: Award construction contract.
- Sept 2023: Contractor begins work.
- April 2024: Outlet Dam Modifications complete.

### **Attachment(s)**

- Resolution to authorize expenditure of up to \$500,000 from the Water Management Account.
- Resolution to authorize expenditure of funds from the Water Management Account for litigation in the Strider matter will be provided at the Board meeting.

**BEFORE THE IDAHO WATER RESOURCE BOARD**

IN THE MATTER OF THE PRIEST LAKE  
OUTLET DAM IMPROVEMENTS PROJECT

RESOLUTION TO FUND ENGINEERING  
SERVICES AND CONSTRUCTION  
MANAGEMENT FOR THE PRIEST LAKE  
OUTLET DAM IMPROVEMENTS PROJECT

1 WHEREAS, the State of Idaho owns the Priest Lake Outlet Dam (dam) which was constructed in  
2 1950 and reconstructed in 1978 as an outlet control structure to maintain lake levels in the Priest Lake in  
3 accordance with Idaho Code §70-507; and  
4

5 WHEREAS, in 2018, Senate Bill 1261 was passed and approved by the Legislature, updating  
6 Idaho Code §70-507 to 1) clarify that management of the state-owned dam is under the jurisdiction of  
7 the IWRB, and 2) giving the IWRB flexibility to maintain the lake's level between 3 feet and 3.5 feet on  
8 the USGS Priest Lake Outlet gage; and  
9

10 WHEREAS, in 2016 the Idaho Water Resource Board (IWRB) authorized the expenditure of funds  
11 from the Revolving Development Account for Project Engineer Mott MacDonald to complete the Priest  
12 Lake Water Management Study (Study) to evaluate strategies to meet long-term water management  
13 objectives for the Priest Lake and Priest River system; and  
14

15 WHEREAS, in 2020 Project Engineer Mott MacDonald completed the design to implement  
16 construction of the improvements recommended in the Study; and  
17

18 WHEREAS, in August 2020 the IWRB authorized the expenditure of \$5,000,000 from the  
19 Revolving Development Account for the Priest Lake Outlet Dam Improvements Project; and  
20

21 WHEREAS, in October 2021 the IWRB authorized an additional \$450,000.00 from the Revolving  
22 Development Account for additional construction work on the project; and  
23

24 WHEREAS, Outlet Dam construction was performed during the winter months of 2020-2021 and  
25 2021-2022 but was not completed; and  
26

27 WHEREAS, in 2022 and 2023 Project Engineer Mott MacDonald completed a survey of the work  
28 needed to complete the construction and prepared the associated design documents; and  
29

30 WHEREAS, Outlet Dam construction is planned to be completed by a different construction  
31 contractor during the winter months of 2023-2024; and  
32

33 NOW, THEREFORE, BE IT RESOLVED that the IWRB authorizes the expenditure of funds not to  
34 exceed \$500,000 from the Water Management Account to cover the costs of engineering and  
35 construction management services for the Priest Lake Outlet Dam Improvements project.

Resolution No. \_\_\_\_\_

DATED this 21<sup>st</sup> day of July 2023

---

Jeff Raybould, Chairman  
Idaho Water Resource Board

ATTEST 

---

Dean Stevenson, Secretary



**BEFORE THE IDAHO WATER RESOURCE BOARD**

IN THE MATTER OF PRIEST LAKE CONSTRUCTION  
LITIGATION

RESOLUTION TO APPROVE FUNDS FOR  
OUTSIDE COUNSEL

1 WHEREAS, on August 20, 2020, the Idaho Water Resource Board (IWRB) and Strider Construction  
2 Co., Inc. (Strider) entered a construction contract for improvements to the Priest Lake Outlet Dam; and  
3

4 WHEREAS, on July 27, 2022, Strider submitted a notice of termination of the contract; and  
5

6 WHEREAS, on July 29, 2022, Strider filed a lawsuit against the IWRB related to the contract; and  
7

8 WHEREAS, on August 23, 2022, the IWRB filed a counterclaim against Strider; and  
9

10 WHEREAS, the Office of the Attorney General (OAG) has determined that it is necessary and  
11 appropriate to retain a private law firm to assist the OAG in the representation of the IWRB's interest in  
12 the defense of litigation with Strider; and  
13

14 WHEREAS, the OAG has selected Stephen B. Andersen of the firm Kirton McConkie (Counsel) to  
15 assist in legal representation of the IWRB in the Strider litigation; and  
16

17 WHEREAS, on September 16, 2022, the Board approved contracting with Counsel to represent  
18 the IWRB in the Strider litigation; and  
19

20 WHEREAS, on September 27, 2022, the Board entered into an agreement for Professional Services  
21 with Stephen B. Anderson of the firm of Kirton McConkie on the Strider matter; and  
22

23 WHEREAS, in January 2023 the IWRB authorized funds expected to cover litigation through May  
24 2023;

25 WHEREAS, the funds authorized in January have been expended;  
26

27 WHEREAS, Kirton McConkie has estimated that the costs of litigation in the Strider matter through  
28 trial beginning in February 2024 could be as much as \$815,000; and  
29

30 NOW THEREFORE BE IT RESOLVED, that the IWRB authorizes expenditure of up to \$815,000 from the  
31 Water Management Account to defray the costs of litigation in the Strider matter; and  
32

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

DATED this 21st day of July 2023.

---

JEFF RAYBOULD, Chairman  
Idaho Water Resource Board

ATTEST 

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DEAN STEVENSON, Secretary

# Memorandum

To: Idaho Water Resource Board  
From: Mike Morrison  
Date: July 11, 2023  
Re: Mountain Home Air Force Base Water Resilience Project



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**REQUIRED ACTION:** No action is required.

## Project Update

Design-Build Contractor Procurement: The Board is using a two-step process to select a qualified Design-Build (DB) firm who will design and build the inlet, pumping station, and 14.4 mile pipeline from CJ Strike Reservoir to Mountain Home Air Force Base. A five-member evaluation committee recently completed its review of Statements of Qualification received from three DB firms. All three DB firms were found to be qualified by the evaluation committee and have been invited to submit proposals and bids for designing and building the project.

- July 14<sup>th</sup>: Short listed Design-Build firms notified and invited to submit proposals.
- Late September: Proposals from Short-Listed Design-Build Firms due.
- Late October-Early November: Selection, Negotiations begin.
- November: Award Design-Build Contract

Easements and Rights-of-Way: Staff continues to work with the Bureau of Land Management, Mountain Home Highway District, the Idaho Transportation Department, Idaho Department of Lands, and other landholders to obtain the necessary easements and rights-of-way to build the project.

Water Treatment Plant: In the near future, the Air Force will be soliciting proposals from Design-Build firms who will build the Water Treatment Plant at Mountain Home AFB. The Air Force anticipates awarding a Design-Build contract this fall; commissioning and testing of the WTP during summer, 2025; and completion in Fall 2025.



# MEMO



**To:** Idaho Water Resource Board  
**From:** Justin Ferguson, Cynthia Bridge Clark  
**Date:** July 12, 2023  
**Subject:** Lost Valley Reservoir Company – Subordination of Application 67-7590

---

**REQUIRED ACTION:** The Board will consider approval of a resolution to subordinate water right application 67-7590 to water right application 67-7938

---

Lost Valley Reservoir Company Board (LVRC) is pursuing the potential raise of the Lost Valley Dam (Project) to increase reservoir capacity to as much as 30,000 acre-feet, providing approximately 20,000 acre-feet of additional water supplies within the Weiser Basin. The IWRB passed Resolution 12-2020 on July 30, 2020, subordinating a portion of its water right application (67-7590) for storage at the proposed Galloway Dam to LVRC's (LVRC) water right application (67-7938), associated with the potential raise of Lost Valley Dam.

Per the stipulations outlined in the resolution, LVRC can request an extension beyond the July 30, 2023, expiration date provided they are able to show due diligence in the development of the Project. Staff contacted LVRC and received a response dated July 10, 2023, outlining the work completed to advance the project and requested that the resolution be extended an additional 3 years.

**Attachments:**

- Idaho Water Resource Board Resolution 12-2020
- Draft Resolution to Extend Subordination of Water Right Application 67-7590 with Attachment A: LVRC Letter, Date July 10<sup>th</sup>, 2023: Request for Modification of Subordination Resolution

## BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE LOST VALLEY  
RESERVOIR EXPANSION

RESOLUTION TO subordinate a portion of the  
IWRB's Water Right Application No. 67-7590  
to Lost Valley Reservoir Company's Water  
Right Application No. 67-7938

1 WHEREAS, the Idaho State Water Plan recognizes that surface water development will play a role  
2 in meeting Idaho's future water needs, it supports assessment and development of new high potential  
3 storage facilities; and  
4

5 WHEREAS, an enlargement of the Lost Valley Reservoir, located in the Weiser River Basin north of  
6 Council, Idaho is identified in the 2012 Idaho State Water Plan as a reservoir site with apparent high  
7 potential for development; and  
8

9 WHEREAS, the Lost Valley Reservoir Company Board (LVRC) is investigating a potential raise of  
10 the Lost Valley Dam (Lost Valley Project, Project) to increase reservoir capacity from approximately 10,000  
11 acre-feet to as much as 30,000 acre-feet to provide additional water supply for irrigation, recreation, fish  
12 and wildlife, and other purposes based on interest; and  
13

14 WHEREAS, the LVRC filed a water right application for 20,000 acre-feet of additional storage water  
15 in 1993 (No. 67-7938) and later completed initial design and cost estimates for construction of the Lost  
16 Valley Project. In 2013, the LVRC began investigating environmental compliance requirements and  
17 updating hydrologic analyses; and  
18

19 WHEREAS, in 1982, IWRB filed a water right application No. 67-7590 for the proposed Galloway  
20 Dam on the Weiser River. The application contemplates a total storage capacity of up to 1,500,000 acre-  
21 feet; and  
22

23 WHEREAS, the priority date of IWRB's water right application would reduce the fill potential of  
24 the new Lost Valley Reservoir space and limit the economic viability of the Lost Valley Project; and  
25

26 WHEREAS, subordinating a portion of water right application No. 67-7590 would allow the new  
27 Lost Valley Reservoir space to be filled prior to the reservoir formed by the Galloway Dam;  
28

29 NOW, THEREFORE BE IT RESOLVED that the IWRB will subordinate up to 20,000 acre-feet of its  
30 water right application to LVRC's water right application so long as LVRC can demonstrate the following  
31 conditions are met:  
32

- 33 1) Within three (3) years of the date this resolution, LVRC must advance coordination with the  
34 United States Forest Service (USFS) such that the USFS has published the Notice of Intent to  
35 prepare the EIS for the Project; and  
36

- 37 2) LVRC must obtain a water right permit, approved by the Director of the Idaho Department  
38 of Water Resources, for the increased storage capacity in the Lost Valley Reservoir in  
39 accordance with criteria set forth in Idaho Code § 42-203A; and  
40  
41 3) Construction of the proposed Lost Valley Dam Project must be complete within ten (10) years  
42 of the date of this resolution; and  
43

44 NOW, THEREFORE BE IT FURTHER RESOLVED that LVRC may apply for extensions to complete  
45 conditions 1 and 3 if LVRC can demonstrate good cause and due diligence in the development of the Lost  
46 Valley Project.  
47

48 NOW, THEREFORE BE IT FURTHER RESOLVED that this resolution is not an endorsement of the  
49 Lost Valley Reservoir Project, LVRC's water right application, or an approval of the Project by the Board  
50 under Idaho Code § 42-1737. The IWRB reserves the right to review the Project pursuant to its authorities  
51 under Title 42, Idaho Code.

DATED this 30th day of July 2020.

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

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

**BEFORE THE IDAHO WATER RESOURCE BOARD**

IN THE MATTER OF THE LOST VALLEY RESERVOIR  
EXPANSION

RESOLUTION TO SUBORDINATE A PORTION  
OF WATER RIGHT APPLICATION NO. 67-7590  
TO WATER RIGHT APPLICATION NO. 67-7938

1           WHEREAS, the Idaho State Water Plan recognizes that surface water development will play a  
2 role in meeting Idaho's future water needs, and supports assessment and development of new high  
3 potential storage facilities; and  
4

5           WHEREAS, Lost Valley Reservoir, located in the Weiser River Basin, was identified in the 2012  
6 Idaho State Water Plan as a reservoir that had an Apparent High Potential for Development; and  
7

8           WHEREAS, the Lost Valley Reservoir Company Board (LVRC) has been investigating a potential  
9 raise of the Lost Valley Dam (Project), increasing the storage capacity from approximately 10,000 acre-  
10 feet to an estimated 30,000 acre-feet; and  
11

12           WHEREAS, in 1982, IWRB filed a water right application No. 67-7590 for the proposed Galloway  
13 Dam on the Weiser River. The application contemplates a total storage capacity of up to 1,500,000 acre-  
14 feet; and  
15

16           WHEREAS, the LVRC filed an application for the additional 20,000 acre-feet of storage water in  
17 1993 (No. 67-7938); and  
18

19           WHEREAS, water right application No. 67-7938 was protested by the U.S Forest Service with  
20 concerns about the probable loss of wildlife habitat and wetlands, requirements that would impose  
21 bypass flows as part of the special use permit, and concerns about stream temperatures; and  
22

23           WHEREAS, water right application No. 67-7938 and its protests remain pending and unresolved;  
24 and  
25

26           WHEREAS, the LVRC completed initial design and cost estimate for the construction of the Lost  
27 Valley Project and began investigating the environmental compliance requirements and hydrologic  
28 analyses in 2013; and  
29

30           WHEREAS, the priority date of IWRB's water right application would reduce the fill potential of  
31 the new Lost Valley Reservoir space and limit the economic viability of the Project; and  
32

33           WHEREAS, subordinating a portion of water right application No. 67-7590 would allow the new  
34 Lost Valley Reservoir space to be filled prior to the reservoir formed by the Galloway Dam and LVRC has  
35 represented to the IWRB that subordination is necessary for the Lost Valley Reservoir project to be  
36 viable; and  
37



WHEREAS, at the request of LVRC, the Idaho Water Resource Board (IWRB) passed Resolution No. 12-2020 (Resolution) on July 30, 2020 (No. 12-2020) authorizing subordination of up to 20,000 acre-feet of water right application no. 67-7590 to water right application no. 67-7938 provided LVRC can demonstrate the following conditions were met:

- 1) Within three (3) years of the date this resolution, LVRC must advance coordination with the United States Forest Service (USFS) such that the USFS has published the Notice of Intent to prepare the EIS for the Project; and
- 2) LVRC must obtain a water right permit, approved by the Director of the Idaho Department of Water Resources, for the increased storage capacity in the Lost Valley Reservoir in accordance with criteria set forth in Idaho Code § 42-203A; and
- 3) Construction of the proposed Lost Valley Dam Project must be complete within ten (10) years of the date of this resolution; and

WHEREAS, the Resolution further authorized LVRC to apply for extensions to complete conditions 1 and 3 if LVRC can demonstrate good cause and due diligence in the development of the Project; and

WHEREAS, IWRB staff contacted LVRC on July 6, 2023 requesting information to verify compliance with the conditions of the Resolution; and

WHEREAS, on July 11, 2023, LVRC submitted a letter detailing project development activities that have occurred since the IWRB Resolution was passed and requesting modification of the Resolution to extend Condition 1 an additional three years (Attachment A); and

NOW, THEREFORE BE IT RESOLVED that the IWRB approves revision of the terms of Resolution No. 12-2020 and agrees to subordinate up to 20,000 acre-feet of its water right application to LVRC's water right application for an additional period of (3) years provided LVRC can demonstrate the following conditions are met:

- 1) Within three (3) years of the date this resolution, July 21, 2026, LVRC must complete coordination with the United States Forest Service (USFS) such that the USFS has published the Notice of Intent to prepare the Environmental Impact Statement for the Project and commenced consultation with the United States Fish and Wildlife Service (USFWS) under section 7 of the Endangered Species Act; and
- 2) Construction of the proposed Lost Valley Dam Project must be complete within ten (10) years of the date of the original resolution; and
- 3) Prior to commencement of construction, LVRC must obtain a water right permit, approved by the Director of the Idaho Department of Water Resources, for the increased storage capacity in the Lost Valley Reservoir in accordance with criteria set forth in Idaho Code § 42-203A; and

84           NOW, BE IT FURTHER RESOLVED that this resolution is not an endorsement of the Lost Valley  
85 Reservoir Project, LVRC's water right application, or an approval of the Project by the Board under Idaho  
86 Code § 42-1737. The IWRB reserves the right to review the Project pursuant to its authorities and  
87 obligations under Title 42, Idaho Code.

DATED this 21<sup>st</sup> day of July, 2023.

---

JEFF RAYBOULD, Chairman  
Idaho Water Resource Board

ATTEST \_\_\_\_\_  
DEAN STEVENSON, Secretary

## ATTACHMENT A

Lost Valley Reservoir Company  
PO Box 408  
Cambridge, ID 83610  
raiselostvalley@gmail.com

July 10, 2023

Idaho Water Resource Board  
c/o Mr. Justin Ferguson  
Sent via email

RE: Request for Modification of Subordination Resolution

Dear Idaho Water Resource Board Members and Staff:

We appreciate the opportunity to submit this Request for Modification of the "Resolution to Subordinate a portion of IWRB's Water Right Application No. 67-7590 to Lost Valley Reservoir Company's Water Right Application No. 67-7938," signed on July 30, 2020 by the Chairman of the Idaho Water Resource Board. A copy of the resolution is attached.

The subordination resolution contains three conditions, as follows:

- 1) Within three (3) years of the date this resolution, LVRC must advance coordination with the United States Forest Service (USFS) such that the USFS has published the Notice of Intent to prepare the EIS for the Project; and
- 2) LVRC must obtain a water right permit, approved by the Director of the Idaho Department of Water Resources, for the increased storage capacity in the Lost Valley Reservoir in accordance with criteria set forth in Idaho Code § 42-203A; and
- 3) Construction of the proposed Lost Valley Dam Project must be complete within ten (10) years of the date of this resolution.

The resolution goes on to say as follows:

NOW, THEREFORE BE IT FURTHER RESOLVED that LVRC may apply for extensions to complete conditions 1 and 3 if LVRC can demonstrate good cause and due diligence in the development of the Lost Valley Project.

We request that condition no. 1 of the resolution be extended for three years. We have proceeded diligently on this project but as we all know, moving through all of the steps to increase storage is

difficult and time consuming. Since the resolution was originally signed on July 30, 2020, we have completed the attached steps:

- Conducted further coordination with local members of the Idaho Legislature.
- Obtained estimates for:
  - Financing Costs
  - Initial Engineering Costs
  - Environmental Studies Costs
- Filed an SF-299 Application with the U.S. Forest Service.
- Arranged for three additional meetings in the Weiser River Basin, on September 13, 2021: Washington County Commissioners, Adams County Commissioners, and Interested Parties at the Adams County Courthouse
- These meetings resulted in Letters of Support from:
  - Adams County Commissioners
  - Washington County Commissioners
  - Snake River Development Alliance
- Presented to the Idaho Water Resource Board in a special meeting on November 17, 2021, seeking:
  - Cost-match for pre-construction activities
  - A determination if the IWRB wants to acquire some of the water
- Offered shares in the enlarged space to existing shareholders in Lost Valley Reservoir Company and others in the Weiser River Basin. To date 10,326 shares have been requested (of 16,000 available, where 1 share = 1 acre-foot). Share offerings have been closed to allow the IWRB to decide on whether or not the State of Idaho is interested in acquiring the water.
- Inquired of a ground water district in the upper Snake basin if there is an interest in acquiring the remaining shares, to be exchanged for use in their basin. The answer was YES!
- Applied for funding in the first two rounds of Aging Infrastructure funding without success.
- Applied for funding in the Water Sustainability program. A determination is anticipated to be made at the IWRB meeting on July 21, 2023.
- Continued an ongoing discussion with the District Rangers of the New Meadows Ranger District, where the project is located. These discussions have ensured that as soon as funding is secured to move forward on pre-construction activities, Lost Valley Reservoir Company representatives will meet with the USFS to design next steps in the process.

We feel that we have been proceeding as diligently as possible toward successful completion of this project. We are hopeful that our most recent request for matching funding from the IWRB will enable us to move forward rapidly toward accomplishment of the following plan:



## Lost Valley Reservoir Enlargement as of June 14, 2023

ACTIVITY	ANTICIPATED COST	PLANNED START DATE
Collect funds from interested spaceholders and IWRB	Obtain \$560K from the IWRB and \$560K from the Shareholders	1-Aug-23
Initiate Pre-Construction Activities		1-Aug-23
Complete Pre-Construction Activities		1-Aug-24
Arrange for financing for final engineering and construction.	\$13.5M additional minus grants from IWRB and Federal Govt.	1-Aug-24
Prepare and distribute final engineering RFP with IWRB Staff and Lost Valley Team		1-Sep-24
Prepare and distribute construction RFP with IWRB Staff and Lost Valley Team		1-Mar-25
Select construction company and contract for		1-Jun-25
Construct the Project		2025-2026
Store and deliver water		Spring 2027

We have shared this timeline with Dana Harris, the current District Ranger of the New Meadows Ranger District and she is committed to working with us on this project. One of her predecessors stated that Lost Valley Reservoir is the best recreation area in the New Meadows Ranger District, and additional storage has the opportunity to enhance recreation and fishery values in the area.

The three conditions in the existing resolution are specifically addressed as follows:

- 1) Within three (3) years of the date this resolution, LVRC must advance coordination with the United States Forest Service (USFS) such that the USFS has published the Notice of Intent to prepare the EIS for the Project.

We feel that we have moved forward diligently with the USFS, but the Notice of Intent will not be filed until later in the process. We have filed the SF299. Additional information to support this document will be prepared in the engineering portion of the pre-construction activities. There are multiple steps in the coordination with USFS. If all goes well the Notice of Intent could be filed by 2024 but we are requesting an extension of three years on this condition to allow for unanticipated contingencies.

2) LVRC must obtain a water right permit, approved by the Director of the Idaho Department of Water Resources, for the increased storage capacity in the Lost Valley Reservoir in accordance with criteria set forth in Idaho Code § 42-203A.

When the application for permit was originally filed and advertised there was just one protestant – the USFS. Resolution of this protest will go hand-in-hand with working with the USFS to file the Notice of Intent.

3) Construction of the proposed Lost Valley Dam Project must be complete within ten (10) years of the date of this resolution.

This deadline will end on July 30, 2030. We intend to meet this objective.

We appreciate this opportunity to provide an update on the status of this project, and we request an extension of the deadline in the first condition.

Sincerely,

A handwritten signature in cursive script, appearing to read "Dale A. Barton".

Dale A. Barton  
Chairman, Lost Valley Reservoir Company Board

Attachment: Resolution to Subordinate a portion of IWRB's Water Right Application No. 67-7590 to Lost Valley Reservoir Company's Water Right Application No. 67-7938

## BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE LOST VALLEY  
RESERVOIR EXPANSION

RESOLUTION TO subordinate a portion of the  
IWRB's Water Right Application No. 67-7590  
to Lost Valley Reservoir Company's Water  
Right Application No. 67-7938

1 WHEREAS, the Idaho State Water Plan recognizes that surface water development will play a role  
2 in meeting Idaho's future water needs, it supports assessment and development of new high potential  
3 storage facilities; and  
4

5 WHEREAS, an enlargement of the Lost Valley Reservoir, located in the Weiser River Basin north of  
6 Council, Idaho is identified in the 2012 Idaho State Water Plan as a reservoir site with apparent high  
7 potential for development; and  
8

9 WHEREAS, the Lost Valley Reservoir Company Board (LVRC) is investigating a potential raise of  
10 the Lost Valley Dam (Lost Valley Project, Project) to increase reservoir capacity from approximately 10,000  
11 acre-feet to as much as 30,000 acre-feet to provide additional water supply for irrigation, recreation, fish  
12 and wildlife, and other purposes based on interest; and  
13

14 WHEREAS, the LVRC filed a water right application for 20,000 acre-feet of additional storage water  
15 in 1993 (No. 67-7938) and later completed initial design and cost estimates for construction of the Lost  
16 Valley Project. In 2013, the LVRC began investigating environmental compliance requirements and  
17 updating hydrologic analyses; and  
18

19 WHEREAS, in 1982, IWRB filed a water right application No. 67-7590 for the proposed Galloway  
20 Dam on the Weiser River. The application contemplates a total storage capacity of up to 1,500,000 acre-  
21 feet; and  
22

23 WHEREAS, the priority date of IWRB's water right application would reduce the fill potential of  
24 the new Lost Valley Reservoir space and limit the economic viability of the Lost Valley Project; and  
25

26 WHEREAS, subordinating a portion of water right application No. 67-7590 would allow the new  
27 Lost Valley Reservoir space to be filled prior to the reservoir formed by the Galloway Dam;  
28

29 NOW, THEREFORE BE IT RESOLVED that the IWRB will subordinate up to 20,000 acre-feet of its  
30 water right application to LVRC's water right application so long as LVRC can demonstrate the following  
31 conditions are met:  
32

- 33 1) Within three (3) years of the date this resolution, LVRC must advance coordination with the  
34 United States Forest Service (USFS) such that the USFS has published the Notice of Intent to  
35 prepare the EIS for the Project; and  
36

- 37 2) LVRC must obtain a water right permit, approved by the Director of the Idaho Department  
38 of Water Resources, for the increased storage capacity in the Lost Valley Reservoir in  
39 accordance with criteria set forth in Idaho Code § 42-203A; and  
40  
41 3) Construction of the proposed Lost Valley Dam Project must be complete within ten (10) years  
42 of the date of this resolution; and  
43

44 NOW, THEREFORE BE IT FURTHER RESOLVED that LVRC may apply for extensions to complete  
45 conditions 1 and 3 if LVRC can demonstrate good cause and due diligence in the development of the Lost  
46 Valley Project.  
47

48 NOW, THEREFORE BE IT FURTHER RESOLVED that this resolution is not an endorsement of the  
49 Lost Valley Reservoir Project, LVRC's water right application, or an approval of the Project by the Board  
50 under Idaho Code § 42-1737. The IWRB reserves the right to review the Project pursuant to its authorities  
51 under Title 42, Idaho Code.

DATED this 30th day of July 2020.

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

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



# Memorandum



To: Idaho Water Resource Board

From: Neeley Miller, Planning & Projects Bureau

Date: July 15, 2023

Re: Flood Management Grant Applications and Ranking

---

**Action: Consider adoption of attached resolution**

---

## **FY 2024 Flood Management Grant Program**

Staff received a total of thirteen (13) applications. The applications were evaluated, scored, and ranked according to criteria adopted by Board. Staff reviewed the application rankings with the Finance Committee on July 12<sup>th</sup> and the Committee recommended funding as described in the attached spreadsheet.

### **Attachment(s):**

Flood Management Grant score and ranking spreadsheet w/resolution

**BEFORE THE IDAHO WATER RESOURCE BOARD**

IN THE MATTER OF FLOOD  
MANAGEMENT GRANTS

RESOLUTION TO AWARD 2024 FUNDS

1 WHEREAS, Senate Bill 1181 passed and approved by the Idaho Legislature transferred  
2 \$1,000,000 from the General Fund to the Water Management Fund for a Flood Management  
3 Grant Program administered by the Idaho Water Resources Board (IWRB) to be used for the  
4 purpose of flood-damaged stream channel repair, stream channel improvement, flood risk  
5 reduction, or flood prevention projects; and  
6

7 WHEREAS, House Bill 1181 allows for the award of grants larger than \$50,000 for the  
8 Flood Management Program, at the discretion of the IWRB; and  
9

10 WHEREAS, House Bill 1181 directs the IWRB to require the availability of fifty percent  
11 (50%) matching funds for all projects to be considered under the grant program; and  
12

13 WHEREAS, House Bill 1181 directs the IWRB to prioritize projects on a competitive  
14 statewide basis; and  
15

16 WHEREAS, on March 31, 2023 the IWRB adopted on-going criteria for the award of Flood  
17 Management Grants, and  
18

19 WHEREAS, thirteen (13) Flood Management Grant applications were received by the  
20 deadline of Friday June 2, 2023 and the applications were evaluated, scored and ranked  
21 according to the criteria adopted by IWRB; and  
22

23 WHEREAS, the Finance Committee met and discussed the projects, and recommended  
24 the IWRB provide funding for ranked projects as specified in Attachment A to this resolution; and  
25

26 NOW, THEREFORE BE IT RESOLVED that the IWRB approves the award of Flood  
27 Management Grants as specified in Attachment A to this resolution.  
28

DATED this 21<sup>st</sup> day of July, 2023.

\_\_\_\_\_  
Jeff Raybould, Chairman  
Idaho Water Resource Board

ATTEST \_\_\_\_\_  
Dean Stevenson, Secretary

Attachment A: 2024 Flood Management Grant Application Ranking						
Entity	IWRB District	Funds Requested	Total Project Costs	Final Evaluation Score	Final Rankings	Awarded Funding
Eagle Sewer District	2	\$200,000.00	\$1,913,580.00	114	1	\$200,000.00
Flood District 9	3	\$118,086.00	\$296,586.00	100	2	\$118,086.00
City of Parma	2	\$50,000.00	\$100,000.00	99	3	\$50,000.00
Hiawatha Canal Users Association	3	\$200,000.00	\$696,497.00	99	3	\$200,000.00
Oakley Highway District	3	\$176,000.00	\$351,090.00	97	4	\$176,000.00
Joint School District No. 171	1	\$89,064.00	\$178,128.00	95	5	\$89,064.00
Clearwater SWCD - Jim Ford Crossing	4	\$81,063.00	\$163,308.00	92	6	\$81,063.00
TFCC & City of Twin Falls	3	\$158,973.00	\$317,946.00	91	7	\$5,914.00
Idaho SWCD	1	\$54,524.00	\$109,888.00	90	8	\$54,524.00
City of Victor	4	\$27,500.00	\$55,000.00	89	9	\$27,500.00
Clark County	4	\$48,100.00	\$96,200.00	87	10	-
Clearwater SWCD - Orogranda Log Culvert	1	\$33,239.00	\$69,797.00	84	11	-
Flood District 17	1	\$3,260.00	\$6,520.00	70	12	-
Total Funds Requested		\$1,239,809.00	\$4,354,540.00			\$1,002,151

\*50% cap in IWRB District 3

IWRB District #1 15%  
 IWRB District #2 25%  
 IWRB District #3 50%  
 IWRB District #4 10%  
 100%



**BEFORE THE IDAHO WATER RESOURCE BOARD**

IN THE MATTER OF CLOUD SEEDING IN THE  
STATE OF IDAHO

RESOLUTION TO AUTHORIZE FUNDING FOR  
INSTRUMENTATION AND COMPUTING

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

6 WHEREAS, HB266 Directed the IWRB to conduct an assessment of cloud seeding opportunities  
7 across the State of Idaho, and identify opportunities for expanding the Cloud Seeding Program (Program)  
8 within the State; and  
9

10 WHEREAS, Cloud seeding remains an up and coming technology and our understanding of the  
11 water management strategy will require investments in data collection and modeling technologies; and  
12

13 WHEREAS, the IWRB will need to consider options for the development of tools and resources to  
14 support Program development and analysis.  
15

16 NOW, THEREFORE BE IT RESOLVED that, the IWRB authorizes expenditures not to exceed  
17 \$750,000 from the Secondary Aquifer Planning, Management, and Implementation for a project to  
18 complete a Statewide Calibration of the WRF-Hydro model.  
19

20 BE IT FURTHER RESOLVED that, the IWRB authorizes expenditures not to exceed \$210,000 from  
21 the Secondary Aquifer Planning, Management, and Implementation Fund for work to expand the WRF-  
22 WxMod model to cover the Lemhi and Bear River Basins  
23

24 BE IT FURTHER RESOLVED that, the IWRB authorizes expenditures not to exceed \$100,000 from  
25 the Secondary Aquifer Planning, Management, and Implementation Fund for the purchase of computing  
26 resources to support existing and on-going IWRB projects.  
27

28 BE IT FURTHER RESOLVED that, the IWRB authorizes expenditures not to exceed \$450,000 from  
29 the Secondary Aquifer Planning, Management, and Implementation Fund for the deployment of a  
30 weather radar, and the collection and post processing of data.  
31

32 BE IT FURTHER RESOLVED that, the IWRB authorizes expenditures not to exceed \$465,000 from  
33 the Secondary Aquifer Planning, Management, and Implementation Fund for costs related to LES  
34 modeling.  
35

36 BE IT FURTHER RESOLVED that, all remaining funds allocated to the Cloud Seeding Program in  
37 Fiscal Year 2024 (FY24) are authorized for expenditure from the Secondary Aquifer Planning,  
38 Management, and Implementation Fund, subject to approval by the IWRB's Cloud Seeding Committee.  
39

DATED this 21<sup>st</sup> day of July, 2023.

---

JEFF RAYBOULD, Chairman  
Idaho Water Resource Board

ATTEST \_\_\_\_\_  
DEAN STEVENSON, Secretary

Resolution No. \_\_\_\_\_

# Memorandum



To: Idaho Water Resource Board

From: Brian Patton

Date: July 17, 2023

Re: Exercise of the McFarland Minimum Stream Flow

---

## **NO ACTION REQUIRED**

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The Lemhi River Basin Settlement Steering Committee (SC) recommended the IWRB exercise the MSF at the May 17, 2023, meeting. However, due to unforeseen circumstances the MSF was not exercised this year.

# MEMO



**To:** Idaho Water Resource Board  
**From:** Justin Ferguson  
**Date:** July 31, 2023  
**Subject:** Pinehurst Water District – New Water Project Loan Application

---

**REQUESTED ACTION:** Approve loan request of \$87,000

---

## **1.0 INTRODUCTION**

Pinehurst Water District (PWD) is requesting a new loan in the amount of \$87,000 from the Idaho Water Resource Board (IWRB) to repair the existing control panel from fire damages and the purchase of an additional pump and motor. The improvements will allow the district to continue the safe and reliable delivery of water for their patrons.

## **2.0 BACKGROUND**

Established in 1959, the Pinehurst Water District delivers water for 860 users throughout western Shoshone County including a significant portion of the town of Pinehurst. The District delivers an average of 650 gallons under a 1993 municipal groundwater right (3.57 cfs).

## **3.0 PRIOR LOANS**

Historically, the District pumped and stored water in wooden tanks which were replaced with metal storage tanks in 2007 using \$160,000 in IWRB funding. The District was also able to install a backup generator in 2015 using a \$100,000 loan through the IWRB to insulate the distribution system from outages, providing a reliable water source for both domestic and fire suppression usage.

The loan covering the storage tank was paid in full as of 2013 while the loan for the backup generator has approximately 2 payments remaining. To date payments have been received on time for both loans with the initial being repaid in full in a timely manner.

## **4.0 PROPOSED PROJECT**

The proposed Project would replace the existing control panel for the District's diversion system that was damaged in a fire in September 2022. Additionally, the funds would be used to purchase an additional motor and pump for the system to have as replacement parts in case of emergency.



## 5.0 BENEFITS

The funds would be used to accomplish two major goals for the District. First, with an updated control panel the District won't need to source outdated parts to continue repairs and would be able to remove the fire damaged parts of the system.

Secondly, in purchasing the additional pump and motor, the District will be able to have parts on hand during the season to make repairs as needed.

Having the updated panel and replacement parts provides the district with a reliable source of water for both domestic use and, as needed, seasonal fire suppression.

## 6.0 FINANCIAL ANALYSIS

The total loan request is \$87,000 with estimates provided in the application package outlining the work to replace the panel at \$62,723.00 and the remaining to be used to purchase the motor, pump and for contingencies.

The District assesses their 860 users in two ways, by volume used for the 40 metered connections while the remaining customers are assessed by connection. The term requested for this loan is 10 years and the interest rate will be set at 8.0% in line with when the application was received & completed.

The estimated monthly payment on the loan, given an average three disbursements, was estimated at \$13,500. The District has established a money market account with a 6-month average of \$59,987.89, from which they could foreseeably cover almost half the loan payments with no other revenue sources.

The company has listed an outstanding balance owed to the Idaho Water Resource Board for loan number IWRB1003. The annual installment is \$11,481 however the remaining balance as of this year is \$7,000 and will be paid in full with the next payment.

## 7.0 WATER RIGHTS

Water Right	Source	Priority Date	Rate	Beneficial Use
94-7342	Groundwater	1/15/1993	3.57 cfs	Municipal

## 8.0 SECURITY

As collateral for the loan, the Board is authorized to hold lien against water rights & Real and Personal Property held by the District. Per the documentation provided by the application from the Shoshone County Auditor, the total property held was assessed at \$3,851,586.

## **9.0 CONCLUSION AND RECOMMENDATION**

The funds requested will be used to repair & replace fire damaged infrastructure as well as the acquisition of both a motor and pump as replacement parts for the system. Improving the system for the District allows them to consistently and reliably provide water for domestic use and, as needed, water for fire suppression.

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 recommend approval of the loan request, for the total amount of \$87,000.00.

**Attachments:** Draft Resolution

**BEFORE THE IDAHO WATER RESOURCE BOARD**

IN THE MATTER OF THE PINEHURST WATER  
DISTRICT LOAN REQUEST

RESOLUTION TO AUTHORIZE LOAN FUNDING  
FOR COSTS RELATED TO DELIVERY SYSTEM  
INFRASTRUCTURE REPAIRS AND  
IMPROVEMENTS

1 WHEREAS, Pinehurst Water District (District) submitted a loan application to the Idaho Water  
2 Resources Board (IWRB) in the amount of \$87,000 to cover costs associated with the repair and  
3 replacement of damaged infrastructure; and  
4

5 WHEREAS, the District was established in 1959 and provides municipal water across 860  
6 connections in and around the town of Pinehurst, Idaho; and  
7

8 WHEREAS, the District held a \$160,000 loan with the IWRB in 2007 to replace wooden storage  
9 tanks that has been paid in full; and  
10

11 WHEREAS, the District currently holds a \$100,000 loan with the IWRB in which the funds were  
12 used to purchase and install a backup generator for the system; and  
13

14 WHEREAS, said loan to install a backup generator is to be paid in full as of, or prior to, June  
15 2024; and  
16

17 WHEREAS, the proposal is requesting funds to repair fire damaged infrastructure as well as the  
18 purchase of an additional pump and motor; and  
19

20 WHEREAS, the District is a qualified applicant, and the proposed Project is eligible for a loan  
21 from the Board's Revolving Development Account; and  
22

23 WHEREAS, the proposed Project is in the public interest and is in compliance with the State  
24 Water Plan.  
25

26 NOW THEREFORE BE IT FURTHER RESOLVED that the IWRB provides authority to the Chairman  
27 of the Idaho Water Resource Board, or his designee, to enter into contracts, to effectuate the loan, with  
28 the Company on behalf of the IWRB.  
29

30 NOW THEREFORE BE IT RESOLVED that the IWRB approves a loan not to exceed \$87,000 from  
31 the Revolving Development Account at 8.0 % interest with a 10-year repayment term.  
32

33 NOW THEREFORE BE IT FURTHER RESOLVED that this resolution and the approval of the loan are  
34 subject to the following conditions:  
35

- 36 1) The District shall comply with all applicable rules and regulations that apply to the proposed  
37 Project.  
38 2) Prior to the disbursement of any funds, the District shall comply with all statutory  
39 requirements for incurring debt.  
40 3) Prior to the disbursement of any funds, the District will provide acceptable security for the  
41 loan to the IWRB.  
42

DATED this 21<sup>st</sup> day of July, 2023.

---

JEFF RAYBOULD, Chairman  
Idaho Water Resource Board

ATTEST \_\_\_\_\_  
DEAN STEVENSON, Secretary



# Memorandum



To: Idaho Water Resource Board  
From: Neeley Miller, Planning & Projects Bureau  
Date: July 15, 2023  
Re: Regional Water Sustainability Priority List

---

## **Action: Consider adoption of attached resolutions**

---

### **Background**

In July 2021 the IWRB adopted an initial Regional Water Sustainability Priority List to help guide the Idaho Water Resource Board's (IWRB's) spending for large, regional water sustainability projects from ARPA funds, state general funds, or other applicable sources. The IWRB also, in January 2022, adopted a threshold criteria indicating that for a project to be included on the Regional Water Sustainability Priority List it must "help achieve water supply sustainability on a regional, basin-wide, or state wide basis."

On October 26<sup>th</sup> 2022 the IWRB adopted criteria for the inclusion of projects on the Regional Water Sustainability Priority List. The criteria include a process for how projects can be added, types of information required to be submitted in requests, considerations for inclusion, and a process for removing projects from the list. At the October 26<sup>th</sup> meeting the IWRB also set a deadline of December 1 for requests to be submitted.

The IWRB received 15 requests to remain on or be added to the list. In January 2023 the IWRB updated the List.

### **Process for Addressing the Regional Water Sustainability Priority List**

In March 2023 the IWRB authorized staff to solicit information beyond the information that was included in the request to be added to the list. This additional information focused on readiness to proceed and status of the project in the planning and permitting processes. In May 2023 the IWRB authorized staff to solicit presentations from project sponsors. Project presentations took place at Finance Committee meetings scheduled on June 2, 8, 14, and 26.

### **Funding Recommendation**

Staff developed the attached project funding recommendations in consultation the IWRB Finance Chair. The Finance Committee met on July 12 to discuss these recommendations and recommended the attached funding recommendation for consideration by the IWRB.

### **Attachment(s):**

Funds Available For Regional Water Sustainability Projects Presentation

ARPA Spending Plan Resolution

Regional Water Sustainability Priority List – Finance Committee Funding Recommendations w/Resolution

# Funds Available for Regional Water Sustainability Projects

Idaho Water Resource Board Finance Committee

July 12, 2023

# Water Management Account

## Appropriations

FY 2019	\$20,000,000
FY 2021	\$50,000,000
FY 2022	\$75,000,000
FY 2023	\$150,000,000
Interest Earned	<u>\$2,950,591</u>
	<b>\$297,951,581</b>

## Large Regional Water Sustainability Projects

	Committed	Spent
Anderson Ranch Enlargement*	\$17,599,995	\$1,232,041
MHAFB Water Pipeline*	\$28,000,000	--
ESPA Recharge Infrastructure*	\$22,400,000	--
Priest Lake**	<u>\$370,000</u>	<u>\$27,159</u>
	<b>\$68,369,995</b>	<b>\$1,259,206</b>

\*ARPA-Eligible Project

\*\*Most of Priest Lake funded through Revolving Development Account

# Water Management Account (Cont.)

## Aging Irrigation Infrastructure Grants

	Committed	Spent
Round 1	\$12,500,000	\$3,459,831
Round 2	\$12,500,000	--
Round 3 (applications open)	\$12,500,000	--
Future Round 4	<u>\$12,500,000</u>	--
	<b>\$50,000,000</b>	<b>\$3,459,831</b>

## Water Project Loans

	Committed	Disbursed
Loans Committed	<b>\$20,811,000</b>	<b>\$ --</b>

<b>GRAND TOTAL</b>	<b>\$139,180,995</b>	<b>\$4,719,037</b>
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<b>AVAILABLE REMAINING AFTER COMMITTEMENTS</b>	<b>\$158,770,586</b>	
--	----------------------	--



# Water Management Account (Cont.)

<b>AVAILABLE REMAINING AFTER COMMITTEMENTS</b>	<b>\$158,770,586</b>
--	----------------------

## **POTENTIAL OTHER NEEDS**

Priest Lake	\$5,000,000
Aging Infrastructure Future Rounds 5&6	\$25,000,000 (Legislative Direction HB361)
Dworshak/Clearwater Pipeline	\$70,000,000 (Governor's Initiative)

<b>AVAILABLE REMAINING AFTER COMMITMENTS &amp; POTENTIAL OTHER NEEDS</b>	<b>\$58,770,586</b>
--	---------------------

# ARPA Funds

## Appropriations

FY22	\$100,000,000
FY23	\$50,000,000
Scheduled FY24	\$50,000,000
Scheduled FY25	\$50,000,000
<b>Total Received to Date</b>	<b>\$150,000,000</b>
<b>Total Received and Scheduled</b>	<b>\$250,000,000</b>

## Large Regional Water Sustainability Projects

	Spending Plan	Committed	Spent
Anderson Ranch Enlargement	\$90,000,000	\$72,900,000	\$72,872,406
MHAFB Water Pipeline	\$30,000,000	\$5,000,000	\$228
ESPA Upper Valley Recharge Infrastructure	<u>\$75,000,000</u>	<u>\$13,732,047</u>	<u>\$1,408,000</u>
<b>TOTALS</b>	<b>\$195,000,000</b>	<b>\$91,632,047</b>	<b>\$74,280,634</b>

Remainder of Slides to be Shown After  
Presentation of Recommendations

# Potential Action No. 1

## Revise ARPA Spending Plan

### Revised ARPA Spending Plan

Anderson Ranch Enlargement	\$125,000,000 (Updated Cost Estimate)
MHAFB Water Pipeline	\$61,000,000 (Updated Cost Estimate)
ESPA Upper Valley Recharge Infrastructure	<u>\$14,000,000</u> (Currently Committed)
TOTAL	\$200,000,000
Available for Other ARPA-Eligible Projects	\$50,000,000



# Potential Action No. 2

## Finance Committee Chair's Recommendations for Regional Water Sustainability Projects

<b>PROJECT – Construction Ready</b>	<b>Water Management Account</b>	<b>ARPA</b>
American Falls Spillway Rehab		12,500,000
Gooding Flood Control Project	\$4,000,000	
Nampa Reuse Pipeline/Copper River Storage/Moses Drain	\$3,000,000	
New York Canal Lining		\$25,000,000
North Fremont Canal Systems Phase 5 Pipeline Project	\$7,811,056	
Raft River Pipeline	\$7,000,000	
Treasure Valley Water Supply Assessment Project	\$155,500	
<b>Subtotal – Construction Ready</b>	<b>\$21,966,556</b>	<b>\$37,500,000</b>

<b>PROJECT – Planning Level</b>	<b>Water Management Account</b>	<b>ARPA</b>
Palouse Basin Aquifer Water Supply	\$182,500	
Lost Valley Reservoir Enlargement	\$560,000	
<b>Subtotal – Planning Level</b>	<b>\$742,500</b>	

	<b>Water Management Account</b>	<b>ARPA</b>
<b>TOTAL</b>	<b>\$22,709,056</b>	<b>\$37,500,000</b>

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE FINANCE COMMITTEE'S  
RECOMMENDATION

RESOLUTION TO MODIFY THE IDAHO WATER  
RESOURCE BOARD'S ARPA SPENDING PLAN

WHEREAS, the Idaho Legislature, though House Bill 769 passed in 2022 appropriated \$100 Million of American Rescue Plan Act (ARPA) funds to the Idaho Water Resource Board (IWRB) to be used for certain ARPA-eligible water projects; and

WHEREAS, the Idaho Legislature, though Senate Bill 1181 passed in 2023 appropriated \$50 Million of ARPA funds to the IWRB to be used for certain ARPA-eligible water projects; and

WHEREAS, additional appropriations of ARPA funds to the Idaho Water Resource Board are planned in the amount of \$50 million in 2024 and \$50 million in 2025, for a total of \$250 million in total; and

WHEREAS, on January 21, 2022, the IWRB adopted a spending plan for the uses of ARPA funds as follows:

Anderson Ranch Reservoir Enlargement	\$90 million
Mt. Home AFB Water Pipeline	\$30 million
ESPA Recharge Infrastructure	<u>\$75 million</u>
TOTAL	\$195 million

WHEREAS, on July 12, 2023, the IWRB's Finance Committee recommended the modification of the ARPA spending plan to the following:

Anderson Ranch Reservoir Enlargement	\$125 million
Mt. Home AFB Water Pipeline	\$61 million
ESPA Recharge Infrastructure	<u>\$14 million</u>
TOTAL	\$200 million

WHEREAS, the recommended modification to the ARPA spending plan takes into account updated cost estimates for the Anderson Ranch and Mt. Home Air Force Base projects, and

WHEREAS, the recommended modification to the ARPA spending plan would allow for the allocation of \$50 million of ARPA funds to other ARPA-eligible water projects.

NOW, THEREFORE BE IT RESOLVED that the IWRB adopts a modifies ARPA spending plan as recommended by the Finance Committee as follows:

Anderson Ranch Reservoir Enlargement	\$125 million
Mt. Home AFB Water Pipeline	\$61 million
ESPA Recharge Infrastructure	<u>\$14 million</u>
TOTAL	\$200 million

DATED this 21st day of July 2023.

---

JEFF RAYBOULD, Chairman  
Idaho Water Resource Board

ATTEST 

---

DEAN STEVENSON, Secretary

**BEFORE THE IDAHO WATER RESOURCE BOARD**

IN THE MATTER OF THE REGIONAL WATER  
SUSTAINABILITY PRIORITY LIST

RESOLUTION TO AWARD FUNDS

1 WHEREAS, the Idaho Legislature, through House Bill 769 passed in 2022 appropriated \$100 Million  
2 of American Rescue Plan Act (ARPA) funds to the Idaho Water Resource Board (IWRB) to be used for  
3 certain ARPA-eligible water projects; and  
4

5 WHEREAS, the Idaho Legislature, through House Bill 769 passed in 2022 appropriated \$50 Million  
6 to the IWRB's Water Management Account to fund projects that have been identified by the IWRB as  
7 high-priority sustainability projects; and  
8

9 WHEREAS, the Idaho Legislature, through Senate Bill 1181 passed in 2023 appropriated \$50  
10 Million of ARPA funds to the IWRB to be used for certain ARPA-eligible water projects; and  
11

12 WHEREAS, the Idaho Legislature, through Senate Bill 1181 passed in 2023 appropriated \$100  
13 Million to the IWRB's Water Management Account to fund projects that have been identified by the IWRB  
14 as high-priority sustainability projects; and  
15

16 WHEREAS, in July 2021 the IWRB adopted an initial Regional Water Sustainability Priority List to  
17 help guide the Idaho Water Resource Board's (IWRB's) spending for large, regional water sustainability  
18 projects from ARPA funds, state general funds, or other applicable sources. The IWRB also, in January  
19 2022, adopted a threshold criteria indicating that for a project to be included on the Regional Water  
20 Sustainability Priority List it must help achieve water supply sustainability on a regional, basin-wide, or  
21 state wide basis; and  
22

23 WHEREAS, on October 26<sup>th</sup> 2022 the IWRB adopted criteria for the inclusion of projects on the  
24 Regional Water Sustainability Priority List. The criteria include a process for how projects can be added,  
25 types of information required to be submitted in requests, considerations for inclusion, and a process for  
26 removing projects from the list. At the October 26<sup>th</sup> meeting the IWRB also set a deadline of December 1  
27 annually for requests to be submitted; and  
28

29 WHEREAS, the IWRB received 15 requests to remain on or be added to the list. In January 2023 the  
30 IWRB updated the List; and  
31

32 WHEREAS, in May 2023 the IWRB authorized staff to solicit presentations from project sponsors.  
33 Project presentations took place at Finance Committee meetings scheduled on June 2, 8, 14, and 26; and  
34

35 WHEREAS, the Finance Committee met on July 12<sup>th</sup> 2023 to discuss the projects, and  
36 recommended the IWRB provide funding for ranked projects as specified in Attachment A to this  
37 resolution; and

Resolution No. \_\_\_\_\_

Page 1

38  
39           NOW, THEREFORE BE IT RESOLVED that the IWRB approves the award of Regional Water  
40 Sustainability Funds as specified in Attachment A to this resolution.  
41

42           NOW THEREFORE BE IT FURTHER RESOLVED staff is directed to work with project sponsors on  
43 draft contracts for each of these projects, including appropriate Terms & Conditions which shall be  
44 brought back to the IWRB for approval before execution of each contract.  
45  
46

DATED this 21<sup>st</sup> day of July, 2023.

\_\_\_\_\_  
Jeff Raybould, Chairman  
Idaho Water Resource Board

ATTEST \_\_\_\_\_  
Dean Stevenson, Secretary



Attachment A: Funding Recommendations for Regional Water Sustainability Projects

Construction-ready projects:	ARPA	IWRB District	Amount Requested	Total Cost	Recommendation	Notes
American Falls Spillway Rehab	yes	4	\$12,486,758	N/A	12,500,000	
Copper River Storage Project	-	2	\$2,500,000	\$5,520,000	-	see 8
Gooding Flood Control Project	-	3	\$4,000,000	\$40,000,000	4,000,000	
Lewiston Orchards Exchange Project	yes	1	\$20,000,000	\$60,000,000	hold for now	
Mackay Dam Repair	-	3	\$5,280,384	\$7,280,384	hold for now	
Nampa Reuse Pipeline	-	2	\$3,000,000	\$180,069,587	\$3,000,000	requested \$6M total for 3 projects
New York Canal Lining	yes	2	\$51,593,344	\$51,593,344	\$25,000,000	
North Fremont Canal Systems Phase 5 Pipeline Project	-	4	\$7,811,056	\$19,769,044	\$7,811,056	
Raft River Pipeline	-	3	\$14,111,000	\$49,000,000	\$7,000,000	
System Improvements to Pioneer System (Moses Drain Project)	-	2	\$500,000	\$1,456,000	-	see 8
Treasure Valley Water Supply Assessment Project	-	2	\$155,500	\$155,500	\$155,500	

\$121,438,042

\$59,466,556

Planning-level projects:	ARPA	IWRB District	Amount Requested	Total Cost	Recommendation	Notes
Palouse Basin Aquifer Water Supply	-	1	\$365,000	\$365,000	\$182,500	Next Steps for Alternative 5
Elmore County/Mountain Home Aquifer Water Supply	-	2	?	?	wait on AIG	13 mile seepage study; no cost provided, plans to submit AIG application
Lost Valley Reservoir Enlargement	-	2	\$560,000	\$1,120,000	\$560,000	Pre-Construction work including EIS

\$925,000

\$742,500

# Memorandum



To: Idaho Water Resource Board

From: Brian Patton

Date: July 17, 2023

Re: Administrative Rules

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## **NO ACTION REQUIRED**

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Deputy Director Mathew Weaver will provide an update on administrative rule making.