



## IDAHO WATER RESOURCE BOARD REGIONAL WATER SUSTAINABILITY PRIORITY LIST

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

Inclusion on the List is not a funding commitment, but rather a recognition that the project has the potential to help achieve water sustainability. Approved projects may receive IWRB support in several ways: 1) help securing Federal funding opportunities, 2) state funding consideration, and 3) support related to necessary funding and/or permitting authorizations.

Projects are added to the list in accordance with [criteria](#) adopted by the IWRB and may be introduced by an eligible Sponsor or by the IWRB itself. The “Proposed Projects” table identifies projects that have been approved by the IWRB for inclusion on the list, but do not have a specific plan for development. The “Projects Under Development” table identifies projects in various phases of implementation.

## IWRB Regional Water Sustainability Priority List

### Proposed Projects \*

Project	Total Estimated Cost	Project Description	IWRB District
Eastern Snake Plain Aquifer Managed Recharge Annual Avg. Increase from 250 to 350 kaf **  <i>Project Sponsor: State of Idaho</i>	\$50M capital + \$2M per year in additional ongoing operational costs	Prioritize necessary buildout activities to increase the average annual managed recharge goal from 250,000 to 350,000 acre-feet. Expenses include infrastructure to increase recharge capacity and associated operating costs.  ** <i>Project subject to approval by the 2025 Idaho Legislature.</i>	3,4
Bear Lake - Additional Storage  <i>Project Sponsor: TBD</i>	\$15M	Various projects and easement acquisitions to increase Bear River channel capacity and increase storage in Bear Lake.	4
Cloud Seeding Infrastructure Build-Out In Additional Basins  <i>Project Sponsor: TBD</i>	\$8M	Install cloud seeding ground generators and other equipment in basins without current program. Basins may include Bear River, Raft River, Goose Creek, Lemhi River, Lost River and others. Operations to be paid through Secondary Fund.	2,3
Dworshak-Clearwater Pipeline Project  <i>Project Sponsor: State of Idaho</i>	\$60M	New water supply pipeline from Dworshak Dam to optimize downstream hatchery production. Includes potential hydropower plant on pipeline to provide revenue to offset pipeline costs over time.	1
Efficiency and Capacity Improvements to Canal Systems  <i>Project Sponsor: TBD</i>	\$20M	Infrastructure improvements to canal systems such as adding automation, removal of constraints, or other enhancements in canal systems to increase efficiency.	1,2,3,4
Lemhi Basin Settlement Implementation  <i>Project Sponsor: IWRB &amp; Parties to Settlement</i>	\$5M	Utilize funds to implement the Lemhi River Basin Comprehensive Settlement actions.	2
Minidoka Dam Raise Feasibility Study  <i>Project Sponsor: TBD</i>	TBD	Feasibility study for raising Minidoka Dam utilizing Federal Funds.	3
Mountain Home Aquifer Water Supply  <i>Project Sponsor: Elmore County</i>	\$50M	Offset use of declining Mountain Home Aquifer.	2
Upper Payette Water Storage Project  <i>Project Sponsor: Upper Payette Storage Association</i>	\$5M	Acquisition of uncontracted storage water to help meet water supply needs in the Payette River Basin.	2
<b>TOTAL REQUESTED</b>	<b>\$213,000,000</b>		

## IWRB Regional Water Sustainability Priority List

### Projects Under Development and/or Complete \*

Project	Total Estimated Cost	Obligated State Funds	Project Description	Project Status	IWRB Dist.
American Falls Spillway Rehabilitation  <i>Project Sponsor: IPC, AFRD</i>	\$23.70M	\$12,486,758 <i>(ARPA Funding applied as non-Federal match)</i>	Repairs to American Falls Dam and Spillway. Activities will continue through 2029. Critical to the ongoing operations.	Project activities are ongoing.	4
Anderson Ranch Dam Raise  <i>Project Sponsor: IWRB/US Bureau of Reclamation</i>	\$125.8M	\$112.5M <i>(ARPA Funding applied as non-Federal match)</i>	Raise Anderson Ranch Dam reservoir by 6ft, resulting in 29KAF additional reservoir storage capacity. Reclamation 60% design cost estimates are \$125.8M.  Under the contract between BOR and IWRB, BOR will pay 11.05% of the costs and retain 10% of the new storage space. IWRB will pay 88.95% of costs as the non-Federal Sponsor and will retain 90% of the new storage.	Updated project costs will be provided at 90% and 100% design.  Construction is currently scheduled for 2027-2031.  Federal funding is authorized under the Water Infrastructure Improvements for the Nation (WIIN) Act. Non-Federal cost-share is eligible for ARPA Funding.	2
City of Nampa - Copper River Storage Project, Reuse Pipeline, and System Improvements to Pioneer System  <i>Project Sponsor: City of Nampa</i>	\$19.52M	\$3M	Construct an irrigation storage pond along Roosevelt Ave., capturing water reserves from NMID system flows to provide recycled water for the Phyllis canal and canal system improvements to handle variation in flow.	Project is partially complete and activities are ongoing.	2
Gooding Flood Control Project  <i>Project Sponsor: City of Gooding</i>	\$12.5M	\$4M	Replace 5 bridges that are part of flood control structure; seeking \$100K for a scoping a design grant.	Project involves Partnership Agreement with USACE.	3

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Lewiston Orchards Exchange Project  <i>Project Sponsor: LOID &amp; Nez Perce Tribe</i>	\$60.5	\$1.287M <i>(Water Management Account for 30% design.)</i>  \$28M <i>(ARPA Funding applied towards construction)</i>	Construct remaining infrastructure to fully enact water exchange between Lewiston Orchards Irrigation District and Nez Perce Tribe.	Design activities underway.	1
Lost Valley Res Enlargement  <i>Project Sponsor: Lost Valley Res. Co.</i>	\$50M	\$560,000	Enlargement of Lost Valley Reservoir by 20,000 AF.	Study activities underway.	2
Mackay Dam Repair  <i>Project Sponsor: BLRID</i>	\$10M	Funding awarded through IWRB Aging Infrastructure Grant Program.	Repairs to the outlet tower works and the spillway.	IWRB approved \$2M Aging Infrastructure grant. Project awarded \$7,082,856 through FY24 Appropriation.	3
Mountain Home Air Force Base Water Supply  <i>Project Sponsor: IWRB &amp; DAF</i>	\$61M	\$33M <i>(ARPA Funding applied as non-Federal match)</i>	Provide alternative long-term water supply for the MHAFB by replacing use of ground water from the declining Mountain Home Aquifer with surface water from the Snake River. State to build pump station and pipeline and DAF to build water treatment plant.	IWRB will retain Snake River water rights and gift the infrastructure to the Air Force.  Project is under construction with at January 2026 target date for completion.	2
New York Canal Rehabilitation Project- Six-mile segment  <i>Project Sponsor: Boise Project Board of Control</i>	\$81,509,241	\$50M <i>(ARPA Funding applied as non-Federal match)</i>	Line the New York canal through Boise for public safety and water conservation. BOR grant \$3,630,000; Bipartisan Infrastructure Law Loan \$12.3M; IWRB AIG \$2,418,900	Construction activities are ongoing.	2
North Fremont Canal Systems Phase 5 Pipeline Project  <i>Project Sponsor: North Fremont Canal Co.</i>	\$19,769,000	\$7,811,056	Convert ditch to pipeline.	Construction activities are ongoing.	4

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Project	Total Estimated Cost	Obligated Funds	Project Description	Project Status	IWRB District
Palouse Basin Aquifer Water Supply  <i>Project Sponsor: PBAC</i>	\$73M	\$182,500	Construct new water supply and pipeline to bring water into the Moscow area and reduce use of declining Palouse Basin Aquifer.	Terms and Conditions will be considered at the March Board Meeting, Beginning RFP process to further refine Alternative 5 of Water Alternatives Project.	1
Priest Lake Water Management Project  <i>Project Sponsor: IWRB</i>	\$11M	\$11M	Thorofare and outlet dam improvements	Thorofare Completed in 2021; Outlet Dam completed in 2024	1
Raft River Pipeline  <i>Project Sponsor: TBD</i>	\$49M	\$7M	Pipeline from Snake River to offset GW pumping in Raft River Basin.	IWRB has not yet approved contract Terms and Conditions. Currently on hold pending contract information from the GW District.	3
Treasure Valley Water Supply Assessment Project  <i>Project Sponsor: WD63</i>	\$474,320	\$474,320	Assessment of tributary drains and shallow aquifer to address low flows near Middleton during the irrigation season.	Project activities are on-going.	2
<b>TOTAL</b>	<b>\$597,772,561</b>	<b>\$271,301,634</b>			

*\*Projects are listed in alphabetical order.*