



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 (add website link) 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
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>	\$70M	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 and funds for WMA over time. Includes infrastructure & habitat improvements in Salmon and Clearwater Basins.	1
Efficiency and Capacity Improvements to Canal Systems	\$20M	Infrastructure improvements to canal systems such 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 & 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
TOTAL REQUESTED	\$173,000,000		

IWRB Regional Water Sustainability Priority List

Projects Under Development and/or Completed *

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.	Terms and Conditions were approved by the IWRB and a contract executed. Project activities are ongoing.	4
Anderson Ranch Dam Raise <i>Project Sponsor: IWRB/US Bureau of Reclamation</i>	\$125.8M	\$74.1M <i>(\$72.9 ARPA Funding applied as non-Federal match)</i>	Raise Anderson Ranch Dam by 6ft, resulting in 29KAF additional reservoir storage capacity. June 2023, BOR project costs estimates increased from \$83.3M (Feasibility Study) to \$125.8M based on 60% design. 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 60%, 90%, and 100% design. Construction is currently scheduled to begin by 2026 and complete by 2029. 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.	Terms and Conditions were approved by the IWRB and a contract executed. 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.	Terms and Conditions were approved by the IWRB. Project involves Partnership Agreement with USACE.	3

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Lewiston Orchards Exchange Project <i>Project Sponsor: LOID & Nez Perce Tribe</i>	\$60.5	\$1,287,000 from Water Management Account for 30 percent design (\$28M in ARPA Funding applied towards construction)	Construct remaining infrastructure to fully enact water exchange between Lewiston Orchards Irrigation District and Nez Perce Tribe.	Terms and Conditions were approved by the IWRB.	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.	Terms and Conditions were approved by the IWRB.	2
Mackay Dam Repair <i>Project Sponsor: BLRID</i>	\$10M	Other IWRB 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 & DAF</i>	\$61M	\$40M <i>(ARPA Funding applied as non-Federal match)</i>	Provide alternative long-term water supply for the MHAFB. Project will allow MHAFB to replace 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. Target completion date is January 2026	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	Terms and Conditions approved at the July 1, 2024 IWRB meeting	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	Terms and Conditions were approved by the IWRB. Contract executed and construction activities are ongoing.	4

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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 – water right permit is issued.	IWRB has not yet approved 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>	\$155,500	\$155,500	Assessment of tributary drains and shallow aquifer to address low flows near Middleton during the irrigation season.	Terms and Conditions were approved by the IWRB. Contract executed and construction activities are ongoing.	2
TOTAL	\$597,453,741	\$239,582,814			

*Projects are listed in alphabetical order.