

**IDAHO WATER RESOURCE BOARD
REGIONAL WATER SUSTAINABILITY PRIORITY LIST**

Project	Project Cost	Project Description	Project Information
American Falls Spillway Rehabilitation	\$23,170,000	Maintenance and Rehabilitation of Spillway and Dam Structures at American Falls Dam – Minidoka Project, Power County, Idaho and scheduled repairs through 2029, critical to the on-going operations.	<i>IWRB District 4</i>
Bear Lake Additional Storage	\$15,000,000	Various projects and easement acquisitions to increase Bear River channel capacity to carry flood flows downstream of Bear Lake and allow more water storage in Bear Lake.	<i>IWRB District 4</i>
Cloud seeding infrastructure in additional basins	\$8,000,000	Install cloud seeding generators and other equipment in basins IWRB selects without current program, potentially including the Bear, Raft, Goose Creek, Lemhi, Lost and others. Operations to be paid through Secondary Fund.	<i>IWRB Districts 2, 3</i>
Copper River Storage Project	\$5,520,000	To construct an irrigation storage pond along Roosevelt Ave., capturing water reserves from NMID system flows	<i>IWRB District 2</i>
Dworshak Pipeline	\$80,000,000	New water supply pipeline from Dworshak Dam to optimize hatchery production. Also includes hydropower plant on pipeline that would feed money back into WMA over time. Includes infrastructure & habitat improvements in Salmon and Clearwater Basins.	<i>IWRB District 1</i>
Gooding Flood Control Project	\$12,500,000	Replace 5 bridges that are part of flood control structure; seeking \$100K for a scoping a design grant.	<i>IWRB District 3</i>
Lemhi Basin Aquifer Recharge	\$5,000,000	Construct infrastructure needed to develop aquifer recharge program in Lemhi Basin as called for in settlement agreement. Operations to be paid through secondary Fund	<i>IWRB District 2</i>
Lewiston Orchards Exchange Project	\$60,000,000	Construct remaining infrastructure to fully enact water exchange between Lewiston Orchards Irrigation District and Nez Perce Tribe.	<i>IWRB District 1</i>

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Lost Valley Reservoir Enlargement	\$50,000,000	Enlarge Lost Valley Reservoir by 20,000 AF. IWRB to own new reservoir space and allocate it out to various uses in Weiser River Basin.	<i>IWRB District 2</i>
Mackay Dam Repair	\$10,000,000	Repairs to the outlet tower works and the spillway.	<i>IWRB District 3</i>
Mountain Home Aquifer Water Supply	\$50,000,000	Offset use of declining Mountain Home Aquifer	<i>IWRB District 2</i>
Nampa WWTP Reuse Pipeline	\$12,000,000	To provide recycled water for the Phyliss canal	<i>IWRB District 2</i> Received \$3M from BOR WaterSMART; seeking up to additional \$9M from IWRB
New York Canal Lining	\$50,000,000	Line New York canal through Boise for public safety and water conservation	<i>IWRB District 2</i> a) IWRB Res. 31-2022 (9/16/22) awarded \$2,418,900 Aging Infrastructure grant b) ISWCC awarded \$514,000 WQPA grant (2022) c) BPBOC has applied for fed. funding
North Fremont Canal Systems Phase 5 Pipeline Project	\$19,769,000	Convert ditch to pipeline	<i>IWRB District 4</i>
Palouse Basin Aquifer Water Supply	\$73,000,000	Construct new water supply and pipeline to bring water into the Moscow area and reduce use of declining Palouse Basin Aquifer – Water Supply Project – Alternative 5. May need interstate agreement with Washington and City of Pullman.	<i>IWRB District 1</i>
Raft River Pipeline	\$49,000,000	Pipeline from Snake River to offset GW pumping in Raft River Basin – water right permit is issued.	<i>IWRB District 3</i>
System Improvements to Pioneer System	\$2,000,000	To improve water resource systems to be able to handle the variation of flow between night and day from the WWTP	<i>IWRB District 2</i>
Treasure Valley Water Supply Assessment Project	\$150,000	Assessment of tributary drains and shallow aquifer to address low flows near Middleton during the irrigation season	<i>IWRB District 2</i> \$50K per year
GRAND TOTAL REQUESTED	\$525,309,000		

*Projects are listed alphabetically

Projects Authorized & Underway			
Project	Project Cost	Project Description	Project Information
Mountain Home Air Force Base Water Supply	\$30,000,000	<ul style="list-style-type: none"> a) Provide a reliable long-term water supply for the Base from the Snake River to replace the Base's use of declining Mountain Home Aquifer. b) State to build pump station and pipeline at estimated cost of \$28M c) Federal Government to build water treatment plant at estimated cost of \$49M. 	<p><i>IWRB District 2</i></p> <ul style="list-style-type: none"> a) IWRB Res. 28-2022 (9/16/22) authorized \$5M from ARPA SFR Fund for initial design and contracting costs b) IWRB executed MOA w/ U.S. Air Force (Res. 27-2022, 9/16/22) c) IWRB will retain Snake River water rights to supply base d) IWRB will give the infrastructure to the Air Force e) Target completion date is January 2026
Anderson Ranch Reservoir Enlargement	\$83,300,000	<ul style="list-style-type: none"> a) Anticipated total cost of \$90 million (\$80 million non-federal). b) Goal: Full payment without reliance on bonding authority. c) Limitation: WIIN Act funds allow only up to 50% funding from federal sources. d) Utilize funds in Water Management Account for \$45 million of total funding (non-federal source). e) \$10 million (Federal WIIN Act) + \$35 million (COVID) + \$45 million (WMA current assets) = \$90M. f) Requires modified allocation of WMA funds. g) IWRB to allocate new reservoir space to various uses in Treasure Valley – water users to repay their proportionate share over time. 	<p><i>IWRB District 2</i></p> <p>IWRB Res. 26-2022 (9/16/22) authorized \$72.9M from ARPA SFR Fund for state share (in addition to \$1.2M IWRB contribution)</p>
Upper Valley ESPA Aquifer Enhancement	\$75,000,000	<ul style="list-style-type: none"> a) Goyne Sump injection well near Lake Walcott, recharge capacity 100 cfs b) Hamer Road 291-acre recharge basin near Egin Bench recharge site, potential recharge capacity 200 cfs 	<p><i>IWRB District 4</i></p> <ul style="list-style-type: none"> a) Goyne Sump: IWRB Res. 29-2022 (9/16/22) authorized \$3.38M from ARPA SFR Fund b) Hamer Rd.: IWRB Res. 30-2022 (9/16/22) authorized \$5M from ARPA SFR Fund
Priest Lake Water Management Project	\$5,000,000		<p><i>IWRB District 1</i></p> <p>Thorofare Completed in 2021; Outlet Dam to be completed 2024</p>
GRAND TOTAL UNDERWAY	\$193,000,000		