

**Department of the Interior  
Bureau of Reclamation  
Implementation of the Bipartisan Infrastructure Law  
Addendum-WaterSMART – WEEG, Drought Contingency Plan for LC & UC, Small  
Storage FY 2023, and Water Desal Spend Plan  
May 2, 2023**

This Addendum includes-WaterSMART Water and Energy Efficiency Grants (WEEG) allocation (page 16), Drought Contingency Plan (DCP) Lower Colorado River allocation (pages 17-18), Small Storage provides project-specific allocations summary (pages 7-8), Water Desalination (pages 14-15) and Drought Contingency for Upper Colorado found on page 19 of the FY 2023 Spend Plan

**WaterSMART grants under Secure Water Act (\$112.5 million in FY 2023)  
Implementation FY 2023**

**Allocation: FY 2023 funds, \$99.8 million; Location –AZ, CA, CO, ID, MT, NE, NV, OK,  
OR, TX, UT, WY**

Water and Energy Efficiency Grants (WEEG) safeguard local water supplies. Under this program, Reclamation provides funding for projects that help communities prepare for and respond to drought. The projects build resiliency to drought by increasing the reliability of water supplies, and improving water management.

Reclamation posted a funding opportunity for WEEG Projects to [www.grants.gov](http://www.grants.gov) on May 2, 2022, which closed on July 28, 2022. Of the total of 187 proposals received, 84 were deemed eligible and selected from entities located in Arizona, California, Colorado, Idaho, Montana, Nebraska, Nevada, Oklahoma, Oregon, Texas, Utah, and Wyoming. Of the 84 projects, 54 are to receive a total of \$40.8 million in annual appropriations and 30 will receive a total of \$99.8 million in BIL funding.

Proposals were submitted by a diverse range of applicants, including water and irrigation districts, conservation districts, municipalities, cities, and state agencies. Collectively, the 84 proposals represented a total request of over \$154 million in Federal funding. Water and Energy Efficiency Grants projects represent the main contribution to the Department’s Water Conservation Priority Goal.

**Projects Recommended for Funding**

Eligible applications submitted in response to the funding opportunity were evaluated against the criteria stated in the funding opportunity by an Application Review Committee. Once all proposals were scored, a list of top-ranked projects was developed and reviewed to identify concerns about individual proposals related to environmental compliance issues, the financial state of the applicant, or any other reason that a project might not be feasible.

Below is a table of 30 projects allocating \$99,793,064—of funds originally provided at the program level in the FY22 and FY23 BIL Spend Plans—to WEEG Projects, a component

program under the WaterSMART grants umbrella. Twenty-nine projects total \$97.1 million in BIL funding available under the FY 2023 BIL Spend Plan; and one project totals \$2.7 million in BIL funding (City of Redlands), available under the FY 2022 BIL Spend Plan. The announcement of the WEEG grant recipients, dated 4/21/23 (link: <https://www.usbr.gov/newsroom/news-release/4496>), describes projects that are funded under both BIL and regular appropriations.

State	Applicant Name	Project Title	Federal Funding Request
CA	City of Redlands	Citywide Water Meter Replacement Project	\$ 2,722,500
ID	Big Wood Canal Company	Rye Grass Hydroelectric Project	\$ 4,554,961
ID	Boise Project Board of Control	New York Canal Lining (Phase 10)	\$ 3,665,000
TX	Brownsville Public Utilities Board	Advanced Metering Infrastructure Project	\$ 5,000,000
AZ	Buckeye Water Conservation and Drainage District	BWCDD Diversion Intake Structure Modernization & Canal Energy System Project	\$ 5,000,000
UT	City of St. George Water Services Department	Advanced Metering Infrastructure Installation Project	\$ 3,000,000
CA	Coachella Valley Water District	Rebates for Landscape Irrigation Measures	\$ 1,500,000
UT	Davis & Weber Counties Canal Company	Canal Enclosure and Solar Energy Project	\$ 1,800,000
OR	Deschutes River Conservancy	Water and Energy Efficiency Projects in the Deschutes Basin: Conserving Water Through Piping and	\$ 2,693,355
TX	Donna Irrigation District	Lateral 22 and South Crossover Piping Project	\$ 3,300,000
CA	East Bay Municipal Utility District	Expanded AMI Deployment for Water and Energy Conservation (Phase 2)	\$ 5,000,000
TX	El Paso Water Utilities Public Service Board	Installing Smart Meters in El Paso	\$ 5,000,000
ID	Falls Irrigation District	Pump Station SCADA and Automation Upgrades for Water and Energy Savings	\$ 3,719,393

MT	Greenfields Irrigation District	Water Conservation, Water Supply Sustainability, Drought Resiliency, & District Modernization Through Hydropower Development	\$ 4,300,000
TX	Hidalgo County Irrigation District No. 1	3,900 Linear Foot Main Canal Lining Project	\$ 2,561,545
WY	Highland Hanover Irrigation District	Pump Station Replacement Project	\$ 2,000,000
OK	Lugert-Altus Irrigation District	Ozark Canal Conversion Project (Phase I)	\$ 5,000,000
OR	Malheur Watershed Council	Piping Lateral Canals in the Vale Bench	\$ 2,520,000
CA	McMullin Area Groundwater Sustainability Agency	Precision Metering with Real-Time Remote Telemetry for Groundwater Wells	\$ 2,800,000
CA	Metropolitan Water District of Southern California	Residential and Commercial Turf Replacement Incentive Program	\$ 5,000,000
NE	Middle Republican Natural Resources District	Remote Irrigation Meter and Irrigation Water Conservation Project (Phase 3)	\$ 1,100,000
CO	Montezuma Valley Irrigation Company	Lower Arickaree and Garrett Ridge Canal Piping Project	\$ 3,000,000
CA	Municipal Water District of Orange County	Orange County Sustainable Landscapes Program Phase II	\$ 3,000,000
ID	Nampa & Meridian Irrigation District	Ridenbaugh Canal Diversion Modernization	\$ 4,722,000
CA	Palmdale Water District	Palmdale Ditch Conversion	\$ 5,000,000
AZ	Paloma Irrigation and Drainage District	Lateral D Modernization with Total Channel Control Implementation Project	\$ 2,000,000
NV	Southern Nevada Water Authority	Athletic Field Turf Conversion Incentive Project	\$ 2,000,000
OR	Tualatin Valley Water District	Tualatin Valley Water District Advanced Metering Infrastructure Project	\$ 5,000,000
CA	Turlock Irrigation District	Main Canal Water Efficiency Improvement Project	\$ 2,000,000
NE	Upper Republican Natural Resources District	High Plains Aquifer Preservation and Irrigation Scheduling Project	\$ 834,310
<b>Totals</b>			<b>\$ 99,793,064</b>

**Drought Contingency Plan (DCP) Lower Colorado River projects (\$50 million in FY 2022, \$25.0 million in FY 2023)**

**Implementation FY 2023**

**Allocation: FY 2022 funds (\$37.6 million) and FY 2023 (\$25 million); Location –AZ**

A total of \$83.2 million will be used for the Gila River Indian Community (GRIC) Reclaimed Water Pipeline Project (RWPP). Estimated to result in 78,000 acre-feet of efficiency for the benefit of the Colorado River system upon completion. The project will increase water efficiency and result in additional energy production. The project is currently being designed and construction will follow.

The pipeline will provide sufficient additional reclaimed Central Arizona Project exchange water to the Community to allow up to 20,000 acre-feet/year, would be constructed and begin to see results in 2025 until 2034. The United States each year has the first option to purchase the balance of the system efficiency water created up to 122,000 acre-feet during the 10 year period.

In addition to the FY22 and FY23 BIL funding already allocated to the DCP project, an additional \$20.6 million was allocated to this DCP project activity from funds allocated to the same project under Congressionally added funding for the critical DCP project.

**Performance**

Reclamation’s BIL Project Management Implementation Team (PMIT) will develop performance measures during FY 2023 and monitor performance in monthly meetings along with providing updates to Reclamation’s Leadership Team. Reclamation’s Program and Budget Office will provide monthly fund status reports to the appropriation committees.

**Drought Contingency Plan Upper Colorado River projects (\$8.7 million in FY 2023)**

**Implementation FY 2023**

**Allocation: FY 2022 funds, FY 2023 \$8.7 million; Location –UT, CO, WY, AZ, NM**

In implementing the DCP in the Upper Colorado River Basin, Reclamation has identified a number of infrastructure and limited-duration data-gathering and analysis program needs in order to support and further operationalize DCP-related activities.

<b>Areas Upper Colorado River Commission</b>	<b>Funding</b>
Consumptive Use	\$1.3 M
Streamgages & Efficiency	\$1.7 M
Snow survey pilot	\$1.0 M
Demand Management	\$2.3 M
Estimate loses, cloudseeding, monitoring, etc.	\$2.4 M
<b>Totals</b>	<b>\$8.7 M</b>

**Performance**

Reclamation’s BIL Project Management Implementation Team (PMIT) will develop performance measures during FY 2023 and monitor performance in monthly meetings along with providing updates to Reclamation’s Leadership Team.

**Small Surface Water Storage and Ground Water Storage Projects (\$20 million – FY 2023)**

**Implementation FY 2023**

**Allocation: \$20 million; Location – CA, UT**

Projects submitted for consideration under the new Small Surface Water Storage and Groundwater Storage program were evaluated and selected through a competitive process based upon project plans, significant accomplishment potential and other future funding challenges.

The \$20 million in FY 2023 BIL funding will result in making a more reliable water supply for future generations, by providing more groundwater management opportunities. Small storage projects are defined by having water storage capacity of not less than 200 acre-feet and not more than 30,000 acre-feet, and increasing surface or groundwater storage; or conveying water, directly or indirectly, to or from surface water or groundwater storage. Awards are limited to the lesser of \$30 million or 25% of eligible project costs

Construction activities will include pipeline connections, construction of water treatment plants and intakes, pump systems, reservoir construction, and much more. The table below details construction plans for the FY 2023 BIL funding allocations.

**Performance**

Reclamation’s BIL Project Management Implementation Team (PMIT) will develop performance measures during FY 2023 and monitor performance in monthly meetings along with providing updates to Reclamation’s Leadership Team. Reclamation’s Program and Budget Office will provide monthly fund status reports to the appropriation committees.

State	Applicant Name – Sponsor	Project	Storage Capacity	Federal Funds \$
CA	Imperial Irrigation District	Upstream Operational Reservoir Storage Project	2,100 acre-feet	\$9.47 M
CA	Groundwater Banking Joint Powers Authority	Kern Fan Groundwater Storage Project – Phase 1	28,000 acre-feet	\$4.74 M
UT	Washington Co Water District	Ash Creek Project – Toquer Reservoir	3,638 acre-feet	\$4.74 M
CA	Del Puerto Water District	Orestimba Creek Groundwater Recharge and Recovery Expansion project	1,485 acre-feet	\$1.04 M

## **Water Desalination Projects (\$15 million in FY 2022 and \$20 million FY 2023)**

### **Implementation FY 2023**

**Allocation: \$12.6 million; Location – NM**

Reclamation allocated a total of \$12.6 million of FY 2022 BIL Water Desalination (Desal) funding to the Research and Development-Desal project for construction of the new Brackish Groundwater National Desalination Research Facility (BGNDRF) water treatment system and building in Alamogordo, NM, in response to a critical issue.

The BGNDRF has 10 research sites, two agriculture research areas, four brackish wells, three storage tanks, and piping systems for supply and waste systems. PFAS (Per- and poly-fluorinated alkyl substances) were discovered in 2017 at one of BGNDRF's evaporation ponds during an internal PFAS research inquiry and later in two BGNDRF wells as part of a New Mexico Environment Division statewide study. BGNDRF began regular sampling in 2019 for three PFAS (PFOA, PFHxS, and PFOS) in all wells, evaporation ponds, and any water being used for irrigation. The facility cannot discharge PFAS contaminated water to the municipal sewer, which has virtually eliminated the use of wells containing PFAS. These needs are increasingly urgent and include work such as replacing pond liners that keep contaminated water out of groundwater, fixing leaking pipes and associated infrastructure, and updating outdated control systems that are failing/difficult to support.

### **Performance**

Reclamation's BIL Project Management Implementation Team (PMIT) will develop performance measures during FY 2023 and monitor performance in monthly meetings along with providing updates to Reclamation's Leadership Team. Reclamation's Program and Budget Office will provide monthly fund status reports to the appropriation committees.

## **Ageing Infrastructure Account–Extraordinary Maintenance for Reserved and Transferred Works (\$3 billion)**

**Allocation: \$585 million (Originally \$649 million);**

**Location –CA, ID, WA, CO, NV, MT, AZ, OR, NM, ND, SD**

On March 20, 2023, the Bureau of Reclamation transmitted to Congress the second annual report on the Ageing Infrastructure program. It provided details on the 83 projects selected in the program's second year, allocating a total of \$584.912 million of BIL funding per the FY 2023 Spend Plan. The Report may be found at <https://www.usbr.gov/bil/docs/infrastructure/FY-2023-Aging-Infrastructure-Report-to-Congress.pdf>, and the detailed list of projects is at <https://www.usbr.gov/bil/docs/infrastructure/FY-2023-Extraordinary-Maintenance-Report-Table.pdf>.

*Of note:* Of the FY 2022 Ageing Infrastructure Account projects announced in May 2022, four of the selected contractors decided not to continue the process and will not accept the allocated funding, totaling \$5.725 million, which is therefore unused and returned to the AI fund.