

Department of the Interior
Bureau of Reclamation Implementation of the Bipartisan Infrastructure Law
Addendum-ESA & WaterSMART
to FY 2023 Initial Spend Plan, and to FY 2022 and FY 2023 Spend Plans
December 2022

This BIL Spend Plan Addendum, entitled “Addendum-ESA and WaterSMART”, provides project-specific allocations for the Colorado River Endangered species recovery and conservation programs summary found on pages 23-24 of the FY2023 Initial Spend Plan. It also allocates funding to projects from WaterSMART Grants, found both on pages 15-16 of the FY22 Spend Plan, and on page 16 of the FY23 Spend Plan.

Colorado River Basin projects (\$50.0 million)
Implementation FY 2023

Allocation: \$20 million; Location –AZ, CA, NV, UT, NM, CO

Funding provided pursuant to BIL Division D, Title IX, Section 40901(12) will support endangered species recovery and conservation in the Colorado River Basin through the four environmental programs. The Upper Colorado River Endangered Fish Recovery Program and San Juan River Basin Recovery Implementation Program (Recovery Programs) work to recover endangered and threatened fish in the Upper Colorado River Basin while water development proceeds in accordance with Federal and state laws and interstate compacts. The Glen Canyon Dam Adaptive Management Program (GCDAMP) provides an organization and process for compliance with the 1992 Grand Canyon Protection Act by integrating dam operations, downstream resource protection and management, and monitoring and research information, as well as improving the values for which the Glen Canyon National Recreation Area and Grand Canyon National Park were established. The Lower Colorado River Multi-Species Conservation Program (LCR MSCP) was created to balance the use of the Colorado River water resources in AZ, CA, and NV with the conservation of native species and their habitats. Implemented over a 50-year period, the LCR MSCP accommodates current water diversions and power production and will optimize opportunities for future water and power development by providing ESA compliance through program activities. Funding will be distributed among the programs as outlined below based upon coordination with the authorized programs’ stakeholder committees.

The Bureau of Reclamation will target these projects to meet the goals of the four programs outlined to best serve the longevity of water and power delivery from the Colorado River.

Performance

Reclamation’s 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.

Project	State	FY 2023 BIL Allocation (\$ million)	Funding will enable work on:
Upper Colorado Recovery Program	CO	6.4	Rehabilitate BOR's partner Grand Valley Irrigation Co's Fish Screen, constructed in 2002, installing a traveling screen, along with a bypass channel around the screen, to operate the Fish Screen as much as possible
Upper Colorado Recovery Program	UT	2.8	Improve performance and efficiency of fish hatcheries
Upper Colorado Recovery Program	UT, CO, NM	0.8	Improve and expand endangered fish monitoring capabilities
San Juan River Basin Recovery Implementation Program	NM	3.0	Expansion and Enrichment Facilities at the Navajo Agricultural Products Industry Ponds
Lower Colorado River Multi-Species Conservation Program (LCR MSCP)	AZ, CA	6.0	Section 7 Habitat Development - Backwater and Marsh construction at Section 26 in California and Beal Lake Expansion in Arizona (2022 Biological Opinion Additional Habitat Creation Requirement)
Reserved Funding	AZ, CA, NV, UT, NM, CO	1.0	Funding that can be allocated in need of any inflation throughout the year
Total Allocation		20.0	

WaterSMART – Drought Resiliency (\$84.9 million)

Implementation FY 2023 (with FY 2022 carry-over funding)

Allocation: \$84.9 million; Location –AZ, CA, CO, ID, NV, NM, OR, TX, UT, WA

Funding provided pursuant to BIL Division D, Title IX, Section 40901(7) will enhance Drought Resiliency, which can be defined as the capacity of a community to cope with and respond to drought. 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 Drought Resiliency Projects to www.grants.gov on March 24, 2022, which closed on June 15, 2022. Proposals were submitted by a diverse range of applicants, including water and irrigation districts, conservation districts, municipalities, cities, state agencies, and one tribe.

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 allocating \$84,919,601—of funds originally provided at the program level in the FY22 BIL Spend Plan—to Drought Resiliency Projects, a component program under the WaterSMART grants umbrella.

State	Project Sponsor	Project Title	FY2022 BIL Funded
CA	Arvin-Edison Water Storage District	AEWSD Drought Recovery Wells and Conjunctive Use Modeling Tool	\$2,000,000
CA	Ca. Land Stewardship Institute	Creating Long-Term Water Supply Resiliency for the Communities of Ukiah Valley and the Upper Russian River	\$1,531,635
CA	Cawelo Water District	Reuse Produced Water Project	\$5,000,000
CO	City of Aurora	North Campus Radial Collector Well - Drought Resilience Initiative	\$5,000,000
CA	City of Big Bear Lake	Wolf Reservoir Boosters & Pipeline Project	\$1,600,000
NM	City of Gallup	Drought Resiliency Ground Water Well	\$5,000,000
CA	City of Rialto	City 3A Groundwater Well Treatment Facility Project	\$2,000,000
WA	City of Walla Walla	Aquifer Storage and Recovery	\$1,600,000
UT	Clinton City	Clinton City Well and Water Storage Project	\$2,000,000
CA	Delano-Earlimart Irrigation District	Turnipseed Water Bank Phase VI	\$2,352,759
CO	Deutsch Domestic Water Company Inc.	DDWC Storage and Efficiency Improvements	\$585,000
UT	Draper Irrigation Co.	Draper Irrigation Company Reuse Pump Station Project	\$5,000,000
ID	Enterprize Canal Company	Enterprize Canal Company Conveyance Improvement and Aquifer Recharge Facility	\$5,000,000
ID	Falls Irrigation District	Snake River Plain Aquifer Wells Project	\$415,606
CA	Fresno Irrigation District	Carter-Bybee Recharge Basin Project	\$2,000,000
CA	Goleta Water District	Goleta Water District Airport Well Treatment Project	\$2,000,000
UT	Granger-Hunter Improvement District	GHID Anderson Water Treatment Plant and Well No. 18 Project	\$5,000,000
UT	Liberty Pipeline Company	Liberty Pipeline Company Drought Resiliency Project	\$1,547,700
UT	Jordan Valley Water Conservancy District	Building Drought Resilience Through Increased Groundwater Production Capacity and Aquifer Storage and Recovery	\$3,200,000

AZ	Maricopa-Stanfield Irrigation and Drainage District	MSIDD Drought Resiliency Water Augmentation Program, Phase 2A Central Zone Project	\$5,000,000
NM	New Mexico Acequia Association	Regions of New Mexico with Acequia Water Distribution Systems: Tools to Adapt to Water Scarcity and Guide Implementation of Strategies to Increase Acequia Community and Water Resilience	\$1,464,685
CA	Pixley Irrigation District	Phase I - Lateral #4 Expansion Project	\$2,000,000
CA	Porterville Irrigation District	North West Service Area Conjunctive Use Groundwater Recharge Project	\$460,891
CA	San Bernardino Valley Municipal Water District	Cactus Basins Connector Pipeline Project	\$1,353,519
CA	Santa Clarita Valley Water Agency	S Wells Per- & Polyfluoroalkyl Substances Treatment & Disinfection Facilities	\$5,000,000
CA	Shafter-Wasco Irrigation District	Southeast Recharge Facility and Conveyance Improvements	\$500,000
CA	Shafter-Wasco Irrigation District	Kimberlina Pipeline Conveyance Improvement Project	\$1,315,083
AZ	Sonora Environmental Research Institute Inc.	Increasing Rainwater Harvesting Capacity in Low-Income Neighborhoods	\$40,000
NV	Southern Nevada Water Authority	Septic System Conversion Incentive Program	\$1,747,500
CA	Stockton-East Water District	Stockton East Water District Aquifer Storage and Recovery Well	\$600,000
AZ	Town of Chino Valley	Town of Chino Valley Water Demand Rate Study to Analyze, Develop and Deploy New Rate Structures	\$44,102
CA	Trout Unlimited, Inc.	Portola Redwoods State Park Drought Resiliency Project	\$1,473,621
WA	Washington Water Trust	Walla Walla Basin Water Management Decision Support Tool Project	\$87,500
UT	Weber Basin Water Conservancy District	WBWCD AV Watkins & Siphon Replacement and South Delivery Conduit Project	\$4,000,000
UT	West Corinne Water Co	West Corinne Water Company Culinary Well and Booster Pump Project	\$2,000,000
CA	Western Municipal Water District of Riverside County Inc.	Building Groundwater Reliability and Resiliency: Regional Well Installation and Water Quality Treatment Project	\$5,000,000
		Total	\$84,919,601

WaterSMART – Small-Scale Water Efficiency (\$7.0 million)

Implementation FY 2023 (with \$5.98 million of FY 2022 carry-over funding, plus \$1.06 million of FY 2023 funding)

Allocation: \$7.0 million; Location –AZ, CA, CO, NV, UT, NM, OR, OK , ID, MT, ND, SD, TX, WA

Funding provided pursuant to BIL Division D, Title IX, Section 40901(7) will enable WaterSMART Small-Scale Water Efficiency Projects for small, on-the-ground projects that conserve, better manage or use water more efficiently in the West. Reclamation established Small-Scale Water Efficiency Projects (SWEP) in 2017 in recognition that other WaterSMART programs' emphasis on quantifiable water savings was overly burdensome for small-scale projects – some of which involve disadvantaged communities. Reclamation identifies SWEP projects for funding through a streamlined process emphasizing previous planning efforts and expected benefits of each project, including how those benefits relate to addressing a particular water management issue, and any benefits more broadly to water supply reliability at the sub-basin or basin scale.

The Bureau of Reclamation posted a funding opportunity for Small-Scale Water Efficiency Projects to www.grants.gov on February 24, 2022, which closed on April 28, 2022. Proposals were submitted by a diverse range of applicants, including water and irrigation districts, conservation districts, municipalities, and cities in 16 different states.

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 allocating \$7,039,232, representing \$15,281,406 towards water efficiency efforts for 82 projects, including non-Federal cost share contributions. The \$7 million was allocated to the project level from funds originally provided at the program level in the FY22 and FY23 BIL Spend Plans—to Small Scale Water efficiency projects, a component program under the WaterSMART grants umbrella.

State	Project Sponsor	Project Title	FY2022 BIL Funded
AZ	Buckeye Water Conservation and Drainage District	Installation of Relief Drainage and Automated Gate System on Lateral 44 Project	\$100,000
AZ	Central AZ Irrigation and Drainage District	Automated Control Gate Installation - Phase IA	\$100,000
AZ	City of Bullhead City	Water Meter Conversion Metering Project	\$100,000
AZ	Maricopa-Stanfield Irrigation and Drainage District	Santa Rosa Canal Lateral WC Turnout Gate Replacement Project	\$89,000
AZ	Mayer Domestic Water Improvement District	Water Meter Upgrade and Radio Read Project	\$100,000
AZ	Paloma Irrigation and Drainage District	Automated Control Gates Project	\$100,000
AZ	Town of Taylor	Water Meter Replacement - Phase 2	\$100,000
CA	Anderson-Cottonwood Irrigation District	Water Conservation and Efficiency Conversion to Pipeline Project	\$100,000
CA	Bard Water District	Supervisory Control and Data Acquisition Installation Project	\$100,000
CA	Carmichael Water District	Turf Removal Incentive Program	\$100,000
CA	City of Anaheim	Central Anaheim Smart Irrigation Controller Project	\$100,000
CA	City of Big Bear Lake	Pontell Hydropneumatic System Project	\$100,000
CA	City of Hemet	Landscape Irrigation Controller Rebate Program	\$100,000
CA	City of Millbrae	Drought-Tolerant Landscaping	\$100,000
CA	City of Pleasanton	City of Pleasanton Eco-Friendly Lawn Conversion Rebate Project	\$45,000
CA	City of San Buenaventura	Expanding Turf Removal Rebate	\$100,000
CA	Crescenta Valley Water District	Water Meter Enhancement Advanced Metering Infrastructure Project	\$100,000
CA	Del Puerto Water District	Groundwater Well Remote Telemetry Program	\$99,750
CA	Desert Water Agency	Desert Water Agency Grass Removal Program	\$100,000
CA	Georgetown Divide Public Utility District	Concrete Lining of Upper Canal Water Deliver System	\$79,516
CA	Palmdale Water District	Water Use Efficiency Rebate Program	\$100,000
CA	San Lorenzo Valley Water District	Water Meter Replacement Project	\$100,000
CA	San Luis Water District	Relift Canal and Third Lift Canal Monitoring	\$100,000
CA	Shafter-Wasco Irrigation District	Energy Efficiency Improvement to Kimberlina Recharge Facility	\$61,903
CA	South Sutter Water District	Main Diversion Modernization Project	\$100,000
CA	South Tahoe Public Utility District	Washoan and Acoma Operational Efficiency Improvement Project	\$100,000

CA	Stockton-East Water District	Eight Mile Dam Automation Project	\$100,000
CA	Turlock Irrigation District	Lateral 6 Water Control Structure Project	\$57,753
CA	Utica Water and Power Authority	Lower Utica Canal Lining and Gaging Stations Project	\$83,030
CA	Western Municipal Water District	Drought-Tolerant Landscape Transformation for March Field Air Museum Project	\$100,000
CA	Westlands Water District	7-1 Pumping Plant Metering Project	\$100,000
CO	Central Colorado Water Conservancy District	Northeast Colorado Augmentation Automation Efficiency Project	\$100,000
CO	City of Las Animas	Improving Water Efficiency Through Smart Water Meters	\$99,990
CO	Colorado Springs Utilities	High Efficiency Toilets for Affordable Housing	\$100,000
CO	Dave Miller Mutual Ditch Company	Ditch Piping Project	\$84,325
CO	Dolores Water Conservation District	Full-Service Acres Meter Upgrades	\$100,000
CO	Lincoln County	Improving Water Efficiency Through Smart Water Meters	\$83,100
CO	Purgatoire River Water Conservancy District	Water Control Gates for Water Efficiency	\$62,400
CO	Town of Larkspur	Improving Water Efficiency Through Smart Water Meters	\$33,500
CO	Town of Starkville	Improving Water Efficiency Through Smart Water Meters	\$99,990
ID	Boise Project Board of Control	Automation of Arena Canal and Arena Lake Drain	\$43,790
ID	City of Cascade	Real Time Water Metering for Increased Efficiency	\$100,000
ID	Farmers Friend Irrigation Company	Headgate Automation - Phase I	\$31,500
ID	Fremont-Madison Irrigation District	Main Water Control Structures and Flow Measurement Station	\$43,583
ID	Idaho Irrigation District	Headgate Automation And Irrigation Flow Measurement Projects	\$100,000
ID	Island Ward Canal Company	Automated Headgate Installation Project	\$23,890
ID	Minidoka Irrigation District	Minidoka Irrigation District's Piping of Lateral 24	\$71,971
ID	North Fremont Canal Systems Inc.	Canal Lining Project	\$51,500
ID	Parks and Lewisville Irrigation Company	SCADA Installation Project - Phase I	\$100,000
ID	Water District 63	Real-Time Monitoring Implementation Project	\$74,185
MT	Pondera County Canal and Reservoir Company	Flowmeter Upgrades for Automation	\$24,675

ND	City of Watford City	Watford City Advanced Metering Infrastructure - Phase I	\$100,000
NM	Elephant Butte Irrigation District	Leasburg Canal Gate Actuators and Metering Station	\$94,710
NV	Moapa Valley Water District	Water Meter and Data Collection System Upgrade	\$100,000
NV	Southern Nevada Water Authority	Water Efficient Technologies Program Cooling System Upgrade Incentives	\$95,000
NV	Truckee-Carson Irrigation District	Upgrade to Satellite Relay for Near Real-Time Data Acquisition	\$100,000
NV	Virgin Valley Water District	Water Meter and Data Collection Upgrade	\$100,000
OK	Corral Kreek Water District	Advance Metering Infrastructure Project	\$34,340
OK	Town of Calera	Updating Analog Water Meters with Efficient Smart Meters	\$85,149
OK	West Siloam Springs	Water Distribution System Advanced Metering Infrastructure Project	\$99,000
OR	Arnold Irrigation District	River Diversion Gate Automation and Flow Measurement	\$28,668
OR	Van Brimmer Ditch Company	Van Brimmer Falvey Road Piping Project	\$100,000
OR	West Extension Irrigation District	Canal Automation and Monitoring Project	\$70,000
SD	Belle Fourche Irrigation District	Sorenson 1.9 Lateral Buried Pipeline Project	\$99,452
TX	City of Edinburg	Water Accountability Through Efficient Response Project	\$100,000
TX	City of Universal City	Water Meters for More Accurate Real-Time Water Usage Data Collection	\$100,000
TX	Edwards Aquifer Authority	Municipal and Industrial Meter Upgrades for Automation	\$31,857
TX	El Paso County Water Improvement District No. 1	Montoya Laterals System Concrete Lining Project: Phase III	\$100,000
TX	Harligen Irrigation District Cameron County No.1	Adams Gardens Reservoir Improvements - Phase 2	\$100,000
TX	Town of Van Horn	Water Meters and Automation for Increased System-Wide Water Use Efficiency	\$94,346
UT	Bear River Canal Company	Automated Diversion Gate System	\$100,000
UT	Emigration Improvement District	Residential Water Meter Upgrade	\$70,000
UT	Hights Creek Irrigation Company	Hights Creek Irrigation Company Piping Project - Phase 8	\$100,000
UT	Hyde Park City	Water Metering and Data Management Upgrade	\$100,000
UT	Washington County Water Conservancy District	Installing Smart Water Meters - Phase 2	\$100,000

UT	Washington Terrace City	Automatic Metering Infrastructure Installation Project	\$100,000
UT	WaterPro AKA Draper Irrigation Co.	Culinary Smart-Metering Project	\$100,000
UT	Wilson Irrigation Company	Canal System Automation Project - Phase 1	\$99,597
WA	Chelan County	Yaksum Water Company Pipeline Replacement Project	\$87,007
WA	City of Walla Walla	Municipal Master Smart Metering Project of Water System Districts/Zones	\$100,000
WA	Columbia Irrigation District	Canal #2 Mid-Canal Automated Check Structure	\$75,000
WA	Quincy Columbia Basin Irrigation District	Automation of W38 Lateral Turnout of the West Canal	\$30,757
Total			\$7,039,232