



— BUREAU OF —  
RECLAMATION

## Fiscal Year 2025 WaterSMART Small-Scale Water Efficiency Projects (Third Application Period)

### Arizona

#### **Saltwater River Project Agricultural Improvement and Power District, Community Irrigation Revitalization Initiative (CIRI)**

**Reclamation Funding: \$72,874**

**Total Project Cost: \$145,748**

The Salt River Project Agricultural Improvement and Power District in Maricopa County, Arizona, will upgrade 2,788 linear feet of urban flood irrigation infrastructure by lining open ditches or converting the irrigation ditches to pipes to increase water reliability. The urban flood irrigation system's earthen canals experience seepage and water delivery inefficiencies, resulting in customers not receiving their full water right. The project aligns with District's 2035 Sustainability Goals and has garnered strong support from local stakeholders, ensuring collaboration to improve water management and promote sustainable water resources for the community.

### California

#### **Bard Water District, Inc., Seminole Pipeline Phase 1 Project**

**Reclamation Funding: \$124,299.50**

**Total Project Cost: \$248,599**

The Bard Water District in Winterhaven, California, will convert 775 feet of the open Seminole Canal into a reinforced concrete pipeline, enhancing water savings and operational efficiency. The project will decrease water loss through reducing seepage and evaporation and will provide more reliable water supply for agriculture users. The project aligns with the District's 2020 Water Conservation Plan and the Capital Improvement Plan.

#### **County of Orange, H2OC RainSmart Large Landscape Turf Upgrade Incentive Program**

**Reclamation Funding: \$124,980**

**Total Project Cost: \$249,960**

The County of Orange in southern California will provide incentive funding to homeowner associations to complete two large landscape conversion projects in which turf will be replaced by low-water-use, climate-appropriate plants. The project contributes to significant water conservation and improved water quality in several large landscape areas. The project aligns with goals outlined in the South Orange County Watershed Management Area Water Quality Improvement Plan.

**Crescenta Valley Water District, Crescenta Valley Water District 2-inch Water Meter Enhancement AMI Project**

**Reclamation Funding: \$100,000**

**Total Project Cost: \$216,723**

Crescenta Valley Water District (CVWD) in Los Angeles County, California, will upgrade 90 water meters with new Advanced Metering Infrastructure meters. The project will increase accuracy in water usage data and improve CVWD's ability to detect leaks, ultimately leading to enhanced water conservation and supply reliability. The project supports the 2020 CVWD Urban Water Management Plan and the 2020 Water Shortage Contingency Plan helping to ensure the CVWD meets its efficient water management goals, helping to reduce reliance on imported water.

**Gravelly Ford Water District, Agricultural Well Meter Installation Project**

**Reclamation Funding: \$120,670**

**Total Project Cost: \$241,340**

The Gravelly Ford Water District in central California will provide technical assistance and funding for the installation of meters on unmetered agricultural wells to provide the District, farmers, and other partners with more precise groundwater extraction data. The data collected will allow the District and individual growers to more efficiently manage surface water and groundwater resources in compliance with the requirements of the Sustainable Groundwater Management Act. The project is prioritized in the District's Groundwater Sustainability Plan.

**West Valley Water District, Water Use Efficiency Rebate Program**

**Reclamation Funding: \$112,500**

**Total Project Cost: \$225,000**

The West Valley Water District in San Bernardino County, California, will extend its existing Water Use Efficiency Rebate Program by offering rebates for turf replacement, helping customers achieve critical water savings. The rebate program allows the District to provide incentives to households and businesses to adopt long-term conservation habits. The program aligns with the District's Strategic Plan, Water Shortage Contingency Plan, and Integrated Regional Urban Water Management Plan.

**Western Municipal Water District of Riverside County, Bergamont Pump Station Turf Replacement Project**

**Reclamation Funding: \$125,000**

**Total Project Cost: \$250,000**

The Western Municipal Water District in Riverside, California, will replace 8,860 square feet of non-functional turf with drought-tolerant landscaping. The project will include removing the existing irrigation system and installing low-flow drip irrigation and weather-based controllers, along with drought-tolerant native plants and groundcover to retain moisture and prevent erosion. The initiative aligns with Western Water's 2022 Drought Contingency Plan and is supported by various regional stakeholders, demonstrating a commitment to effective water conservation and management.

**Colorado**

**City of Grand Junction, The Whitman Park Irrigation Efficiency Project**

**Reclamation Funding: \$125,000**

**Total Project Cost: \$250,000**

The City of Grand Junction in Mesa County, Colorado, will improve water efficiency at Whitman Park by removing 1.33 acres of turf, installing a high-efficiency irrigation system, and increasing xeriscape. The project will preserve municipal potable water by significantly reducing water

consumption through sustainable landscaping and modernized irrigation practices. Supported by the 2023 Grand Junction Regional Water Efficiency Plan, the renovation will protect water resources and promote responsible water management practices.

**Community Agriculture Alliance Inc., Automation of Agriculture Diversions on the Bear River: Phase 2 Improved Control and Delivery of Streamflow and Storage Water**

**Reclamation Funding: \$116,297**

**Total Project Cost: \$249,892**

The Community Agriculture Alliance, in partnership with the Upper Yampa Water Conservancy District, in Steamboat Springs, Colorado, will automate five irrigation headgates along the Bear River to improve water delivery and system efficiency. Along this stretch of the Bear River, flows are characterized by fluctuations due to snowmelt runoff in the spring months, temperature impacts during the summer, and reservoir releases, leading to a dynamic water management system ideally positioned to benefit from automation. The project will improve water-delivery accuracy for irrigated lands and aid river administration for both priority and junior-priority water users. The project addresses the goals and objectives identified in the Yampa Integrated Water Management Plan.

**County of Huerfano, Water System Improvements**

**Reclamation Funding: \$53,500**

**Total Project Cost: \$107,000**

The County of Huerfano in southern Colorado will partner with Gardner Public Improvement District to improve its water distribution system by implementing Advanced Metering Infrastructure, telemetry, Supervisory Control and Data Acquisition systems, and inline water meters. These upgrades will enable remote operation and monitoring of essential water infrastructure, promoting efficient water use and helping to prevent water shortages and support the Colorado Water Plan.

**Hanson Mesa Domestic Pipeline Co., Pressure Relief and Master Metering Improvements**

**Reclamation Funding: \$35,793**

**Total Project Cost: \$71,586**

The Hanson Mesa Domestic Pipeline Company in Delta County, Colorado, will enhance water efficiency by installing four new master meters and a pressure relief valve on the Hanson Mesa pipeline. The new meters will improve monitoring of water distribution, helping to identify losses and manage the system more effectively. The pressure relief valve will mitigate risks associated with pressure fluctuations that have previously damaged residential service lines and appliances. The project aligns with the company's goals of enhancing system reliability and reducing water loss as identified in their Water System Evaluation.

**Town of Paonia, Municipal Meters for Water Efficiency**

**Reclamation Funding: \$116,000**

**Total Project Cost: \$235,594**

The Town of Paonia in Delta County, Colorado, will upgrade 23 water meters and integrate them into a radio-read metering system allowing for automatic meter readings to improve and streamline services on the northern edge of the community. The water meters will provide the town with more frequent water consumption data to make informed water management decisions by identifying water loss. The project represents a crucial step in enhancing the town's water management infrastructure and meeting water efficiency goals identified in the Town's Municipal Water Efficiency Plan.

## **Idaho**

### **Black Canyon Irrigation District, Black Canyon Irrigation District Canal Automation Project Reclamation Funding: \$124,000 Total Project Cost: \$249,250**

The Black Canyon Irrigation District in Canyon County, Idaho, will install automatic headgates, canal checks, and flow sensors across its second unit conveyance system. The District provides irrigation water to both agricultural growers and domestic users across approximately 60,000 acres of land spanning three counties in Idaho's Treasure Valley. The automation will enable real-time control and monitoring of water levels to better manage and conserve irrigation water in an area prone to frequent drought and increasing water demands. The project is supported by the 2012 Idaho State Water Plan to improve irrigation infrastructure in the state.

### **Boise Project Board of Control, Automation of the Bennett 3.5 Lateral Reclamation Funding: \$18,666 Total Project Cost: \$37,332**

The Boise Project Board of Control in Boise, Idaho, will install an automated gate and transducers in the Bennett 3.5 Lateral. The project aims to control flows and conserve water at the system headworks, improve irrigation efficiency, and prevent losses from spills and overflows through a Supervisory Control and Data Acquisition system. The project will enhance water management and improve delivery accuracy, aligning with the goals of the Boise Project Board of Control's Water Conservation Plan.

### **City of Genesee, Water Meter Replacement for Water Conservation and Billing Accuracy Utilizing Automated Meter Reading Meters**

**Reclamation Funding: \$113,689 Total Project Cost: \$227,377**

The City of Genesee in Latah County, Idaho, will upgrade 440 manually-read water meters to Automated Meter Reading (AMR) meters. The new AMR meters will provide hourly readings and enable early detection of leaks to improve billing accuracy and support water conservation efforts during peak summer usage. By upgrading its water metering system, the City aims to protect the Grande Ronde aquifer and ensure sustainable water access for residents. The project is supported by the City's Water Facilities Plan.

### **City of Moscow, Advanced Metering Infrastructure Project**

**Reclamation Funding: \$100,000 Total Project Cost: \$224,436**

The City of Moscow in Latah County, Idaho, will upgrade 500 meters to new Automated Metering Infrastructure meters. The upgrade will improve water management and promote water conservation by enabling leak detection, monitoring usage spikes, and providing real-time water usage data to residents. The project is essential for addressing the declining Palouse Basin Aquifer, the sole drinking water source for over 80,000 residents and aligns with the Palouse Basin Aquifer Committee's goal of increasing water conservation by 15%.

### **Falls Irrigation District, Falls Irrigation District Automation project**

**Reclamation Funding: \$75,145 Total Project Cost: \$150,291**

The Falls Irrigation District in Power County, Idaho, will install two automated gates on the East Canal to improve water measurement and management. The project will increase operational efficiency, reduce manual labor, and minimize water loss. Additionally, the project supports

existing planning efforts such as the Henry's Fork Basin Study that highlights the importance of sustainable water management and adaptive strategies in response to regional drought.

**Fremont-Madison Irrigation District, Automation and SCADA Project Phase 5**

**Reclamation Funding: \$120,670**

**Total Project Cost: \$241,340**

The Gravelly Ford Water District in central California will provide technical assistance and funding for the installation of meters on unmetered agricultural wells to provide the District, farmers, and other partners with more precise groundwater extraction data. The data collected will allow the District and individual growers to more efficiently manage surface water and groundwater resources in compliance with the requirements of the Sustainable Groundwater Management Act. The project is prioritized in the District's Groundwater Sustainability Plan.

**Jefferson Irrigation Company, Flow Measurement of Irrigation Canal Turnouts for**

**Jefferson Irrigation Company, LTD - PHASE 2**

**Reclamation Funding: \$118,815**

**Total Project Cost: \$237,630**

Jefferson Irrigation Company in Jefferson County, Idaho, will install water flow measurement technology at 25 canal turnouts to accurately measure shareholder water deliveries. The company pumps groundwater from the Eastern Snake Plain Aquifer and delivers water via a canal system. These improvements will enhance the equitable distribution of water, help quantify annual deliveries and conveyance losses, and promote groundwater diversion reduction obligations, resulting in increased water supply reliability and drought resiliency. The project supports the goals identified in the company's canal efficiency investigation.

**Minidoka Irrigation District, Minidoka Irrigation District's Lateral 24 Pipeline Project**

**Reclamation Funding: \$124,980**

**Total Project Cost: \$249,960**

Minidoka Irrigation District in south-central Idaho will upgrade the earthen Lateral 24 by installing 2,280 feet high-density polyethylene pipe to reduce significant water loss caused by seepage due to the high sand content in the surrounding soils. The project aligns with the District's Water Conservation Plan by aiming to reduce water loss through improved infrastructure, thereby securing water supplies for the future.

**Payette River Water Supply Bank (Water District No.65), Water District 65 Real-Time Monitoring Implementation Project**

**Reclamation Funding: \$100,500**

**Total Project Cost: \$201,004**

Water District No. 65 in Payette, Idaho, will automate its flow-monitoring system along 100 diversion channels on the Payette River by installing telemetry boxes that will interface with a web-based platform for real-time data collection. The project will allow watermasters to minimize operational loss on both the supply side and the demand side (i.e., reservoirs and diversions), helping to avoid water restrictions and water shutoffs. The project will improve water use efficiency and help address growing demands on regional water resources, aligning with the 2012 Idaho State Water Plan objectives.

**Teton Island Canal Company, Diversion Dam Automation Project**

**Reclamation Funding: \$124,679.50**

**Total Project Cost: \$249,359**

The Teton Island Canal Company in eastern Idaho will install a new automated diversion dam on the North Fork of the Teton River to improve water delivery into the Teton Island Canal,

benefiting nearly 10,000 acres of farmland. The new dam will feature concrete construction and steel overshot gates that pivot from the riverbed, improving water management and supporting wildlife habitats by providing more consistent releases and minimizing dry periods within the North Fork of the Teton River.

## **Kansas**

### **Alemena Irrigation District No. 5, Converting Open Canals and Laterals to Underground Pipe and Pump Stations with Meters to Enhance Efficiency**

**Reclamation Funding: \$100,000**

**Total Project Cost: \$218,728**

The Almena Irrigation District in northern Kansas will upgrade nine surface water diversions along Prairie Dog Creek by installing floating river pumps and remote telemetry meters. The project will improve the District's water delivery efficiency and ensure accurate water measurements. By aligning water diversions more effectively with releases from Norton Dam and enhancing data collection for water management, the project supports the Kansas Water Plan's goals of conserving water resources and improving water use efficiency statewide.

## **Montana**

### **Tongue and Yellowstone River Irrigation District, Jones Creek Flume and Canal Conversion Project Phase I**

**Reclamation Funding: \$125,000**

**Total Project Cost: \$250,000**

The Tongue and Yellowstone River Irrigation District in eastern Montana will construct a supported pipe over Jones Creek to better manage water flows, replacing the use of the existing wooden flume. Converting the channel to a closed piping system allows the District to maintain a consistent flow of diverted water to meet water demands throughout the irrigation season, thereby minimizing water losses throughout the growing season and optimizing water delivery efficiency.

## **North Dakota**

### **City of Mandan, Mandan Advanced Metering Infrastructure (AMI) System Update Project - Phase 2**

**Reclamation Funding: \$124,850**

**Total Project Cost: \$249,701**

The City of Mandan in central North Dakota will install 390 Advanced Metering Infrastructure meters, enabling the City to quickly identify and respond to water leaks and usage spikes; customers will have access to their water usage through an online portal. These improvements will help the City better manage its water supplies more efficiently and enhance the quality of its services. The project aligns with the goals of the State of North Dakota Water Development Plan.

## **New Mexico**

### **Carlsbad Irrigation District, Prioritized Small-Scale Main Canal Lining Downstream of Lateral 26.5**

**Reclamation Funding: \$125,000**

**Total Project Cost: \$250,000**

The Carlsbad Irrigation District in southeast New Mexico will line 3,200 feet of its Main Canal downstream of Lateral 26.5 to address excessive seepage. The project will conserve water, enhancing surface water supply for farmers and ensuring more consistent availability of Pecos River water during critically dry years. The project is supported by the Pecos River Basin Study and is a priority project within the District.

## **Nevada**

### **Moapa Valley Water District, Water Meter and Date Collection System Upgrade**

**Reclamation Funding: \$124,268**

**Total Project Cost: \$248,536**

The Moapa Valley Water District in Clark County, Nevada will upgrade 305 domestic water meters with cellular endpoints. The new metering system will provide customers with accurate, real-time water usage data, enable early leak detection, and improve water savings to stretch limited supplies in southern Nevada. The project will benefit the communities of Overton, Logandale, Glendale, Moapa, and the Moapa River Indian Reservation. The project aligns with the District's 2019 Water Conservation Plan.

## **Oregon**

### **Owyhee Irrigation District, Shoestring Canal Automation Phase One**

**Reclamation Funding: \$124,204**

**Total Project Cost: \$248,408**

The Owyhee Irrigation District in eastern Oregon will install six automated gates on existing check structures in the Shoestring Canal. These gates will reduce canal level fluctuations, minimize water loss from operational spills, and save energy through reduced pumping. The project is prioritized in the District's Conservation Plan.

## **Texas**

### **City of Denison, City of Denison WaterSmart Application**

**Reclamation Funding: \$125,000**

**Total Project Cost: \$250,000**

The City of Denison, north of Dallas, Texas, will upgrade 970 manual-read water meter registers to remote-read registers. The new radio-based devices will improve reading accuracy, reduce labor costs, and significantly reduce unaccounted for water losses. These improvements will increase water supply reliability and water use efficiency. The project aligns with the City's Water Conservation Plan.

**City of Universal City, City of Universal City Public Works Advanced Metering Infrastructure Improvement Project**

**Reclamation Funding: \$100,000**

**Total Project Cost: \$247,383**

The City of Universal City, near San Antonio, Texas, will replace 568 water meters with new Advanced Metering Infrastructure (AMI) meters. With the addition of AMI, the City will be able to conserve water and give customers easy access to water use data, including near real-time alerts to make informed water use decisions and to take timely action to address leaks and unexpected water use. The project supports the City's Water Conservation Plan.

**Upper Trinity Regional Water District, Smart Irrigation Controller Plugin Device Rebate Program for North Texas Residents**

**Reclamation Funding: \$10,000**

**Total Project Cost: \$20,000**

The Upper Trinity Regional Water District, northwest of Dallas, Texas, will establish a rebate program for homeowners to purchase smart modules for existing residential irrigation controllers. The new smart controllers will help customers optimize irrigation by including automatic seasonal adjustment, automatic shut off irrigation during rain events, and programmable watering methods. The project will reduce demand on days when water usage is highest, delaying or eliminating the need for strict water restrictions. The project is prioritized in the District's 2024 Water Conservation Plan.

**Public Utilities Board of The City Of Brownsville, Texas, Brownsville Public Utilities Board Go-Green Water Conservation Program**

**Reclamation Funding: \$123,521**

**Total Project Cost: \$247,042**

The Brownsville Public Utilities Board (BPUB) in the City of Brownsville, south Texas, will provide rebate programs for landscaping practices to reduce water consumption in a drought-prone area. The project introduces new rebates for irrigation controllers and xeriscaping to assist customers in conserving water. The water saved through these programs will help BPUB maintain its water resources by lowering demand in the area. The project is supported by the City's Water Conservation and Drought Contingency Plan.

**Utah**

**Circleville Irrigation Company, Dalton Ditch and Willey Ditch Water Conservation Project - Phase 4**

**Reclamation Funding: \$100,000**

**Total Project Cost: \$101,365**

The Circleville Irrigation Company, in south-central Utah, will pipe 1,300 feet of the Dalton Ditch and 1,500 feet of the Willey Ditch to prevent seepage and enhance water conservation and conveyance. Piping the canal will prevent water loss from seepage and evaporation, allowing for more efficient management of water flow to match use demands and better conserve water for downstream irrigators. The project will enhance irrigation efficiency and water management within the community.

**Clearfield Irrigation Company, Clearfield Irrigation Company Canal Improvement Project - Phase I**

**Reclamation Funding: \$124,994**

**Total Project Cost: \$249,994**

The Clearfield Irrigation Company, in Davis County, Utah, will upgrade 700 feet of existing pipeline by slip-lining it with High-Density Polyethylene pipe. The upgrade will benefit 100 water users, including agricultural producers in West Point, Syracuse, and Clearfield. The new pipe will improve flow efficiency, minimize pressure drops, and ensure reliable water delivery to all users. The project is supported by the company's System Replacement and Rehabilitation Plan to improve their water delivery system's reliability, efficiency, and sustainability.

### **Clinton City, Clinton City Metering Project - Phase II**

**Reclamation Funding: \$124,876**

**Total Project Cost: \$249,752**

Clinton City, in Davis County, Utah, will upgrade 1,160 water meters to Advanced Metering Infrastructure to enhance its culinary water distribution system. The upgrade will retrofit existing meters with radio antennas for wireless data transmission, enabling rapid leak identification and providing residents with an online portal to monitor water usage and improve data-driven decision-making. The project aligns with the City's 2022 Water Conservation Plan and the City's 2021 Drought Resiliency Plan.

## **Washington**

### **Consolidated Irrigation District No. 19, Meters upgrades for SCADA integration on source wells in Consolidated Irrigation District No. 19**

**Reclamation Funding: \$100,000**

**Total Project Cost: \$208,843**

The Consolidated Irrigation District No.19, east of Spokane, Washington, will upgrade 18 source wells with new electromagnetic meters. These meters will connect to an existing Supervisory Control and Data Acquisition system to provide accurate flow measurements, real-time data, and log delivery information. The project supports the Spokane Valley Project and the District's 2016 Water System Plan.