



Coachella Valley IRWM Region

Proposition 1 Round 2 Implementation Grant

Funded Projects

The Coachella Valley IRWM Region was **awarded \$4.1 million** in Proposition 1 Round 2 Implementation funding through the California Department of Water Resources' IRWM Program. The following projects received funding:

Reservoirs 4711-3 and 4711-4

Coachella Valley Water District (CVWD) will construct Reservoirs 4711-3 and 4711-4, **two new 1 million gallon aboveground welded steel tanks**, and demolish the existing 100,000 gallon bolted-steel tanks, Reservoir 4711-1 and 4711-2. Reservoirs 4711-1 and 4711-2 were originally constructed in 1993 and 1999 and have developed moderate to severe corrosion along their bolt seams. The Project will restore and improve water storage infrastructure and ensure reliable and sustainable domestic water supply and fire flow protection to CVWD's customers within the Sky Valley Domestic Water Production Zone/Indio Hills Pressure Zone, which serves the unincorporated community of Indio Hills.

Regional Grass Replacement Program, Mission Springs Water District Demonstration Garden, and Regional Conservation Study

This project includes the following project components that are all implemented under the regional program: 1) The **Regional Grass Replacement Program** is a multifaceted program that will make turf rebates available throughout the Coachella Valley Regional Water Management Group's (CVRWMG) collective service area for a variety of water customers. Water savings from the Regional Grass Replacement Program will be approximately **57 acre-feet per year (AFY)**. 2) The **Mission Springs Water District Demonstration Garden** will display water-efficient irrigation systems, various ground covers, and provide examples of maintaining challenging slopes and microclimates. 3) The **Regional Conservation Study Project** is a decision-support tool that will guide the CVRWMG agencies as they work to determine incentive amounts and water supply benefits.

Groundwater Quality Protection Area D-3

This Mission Springs Water District (MSWD) project will allow for the connection of 102 parcels to MSWD's sewer collection and treatment system and the abate 81 on-site septic disposal systems. The project construction consists of approximately 4,900 linear feet of 8-inch vitrified clay pipe (VCP) sewer mainline, 3,500 linear feet of 4-inch VCP sewer laterals, 17 4-foot diameter manholes, 20,000-square feet of pavement/trench repair, and associated improvements. Overall, the amount of **water quality the project will improve is approximately 22.9 AFY**.



Funded Projects

Coachella Water Authority Groundwater Well Project

The project consists of the construction of one new groundwater well, which will increase Coachella Water Authority's (CWA) overall capacity, improve operational flexibility by increasing the number of wells CWA has access to and can pump as needed to meet demands, and assist CWA in responding to drought impacts within its service area. The Project will ensure small water systems (SWSs) can be served with a high-quality, reliable water supply while alleviating the SWSs' susceptibility to drought conditions. Furthermore, the improved water supply reliability resulting from the Project will benefit all customers served by CWA and provide approximately **2,500 AFY of potable water supply**.

Polanco Septic Rehabilitation Program

The program will provide technical assistance to **install 10 new septic systems** to two Polanco mobile home parks, which currently have improperly installed septic systems. Rehabilitation of these septic systems will reduce pollution loading of solids and bacteria to both shallow groundwater and to local surface waters. Surfacing wastewater due to septic failure results in a potential public health threat due to the potential for direct human contact with inadequately treated sewage. Overall, the program will reduce approximately **800 pounds per year of total suspended solids to groundwater**.

Sunrise Park Recycled Water Connection Project

The project would extend Desert Water Agency's recycled water pipe system to serve the irrigation needs at Sunrise Park. Connecting Sunrise Park, which has roughly 1,000,000 square feet of grass, to non-potable water would reduce groundwater demand, improve water quality, and reduce costs for local taxpayers. It would also make the park more drought resistant given that many restrictions during drought apply to potable water. Overall, the project will result in approximately **199 AFY of recycled water production and a corresponding 199 AFY reduction in groundwater pumping**.