



— BUREAU OF —
RECLAMATION

2022 WaterSMART Drought Contingency Planning Grants

Arizona

City of Kingman, City of Kingman Drought Contingency Planning Project

Reclamation Funding: \$100,000

Total Project Cost: \$200,000

The City of Kingman (Kingman), located in Mohave County, Arizona, provides water and other services to a population of approximately 55,000 people and covers an area of 1,820 square miles. Kingman obtains all its water from groundwater wells, most of which draw from the aquifer in the southern Hualapai Basin. A recent Arizona Department of Water Resources report indicated that the Hualapai Basin had insufficient groundwater to sustain all of the current uses within the region. In addition, this area is experiencing exceptional and unprecedented drought conditions. To increase water supply reliability and proactively address the region's concern with drought, Kingman will develop a new Drought Contingency Plan.

California

Three Valleys Water Municipal District, Drought Contingency Plan

Reclamation Funding: \$200,000

Total Project Cost: \$400,000

Three Valleys Water Municipal District (TVMWD) is a wholesale water agency that serves over 500,000 people within a 133 square mile area in eastern Los Angeles County, California. The planning area has experienced a multi-year drought between 2012 and 2016 and is currently preparing for a third consecutive dry year in 2022, with severe restrictions to portions of its service area only being provided imported water to meet public health and safety standards. To increase water supply reliability and proactively address the region's concern with drought, TVMWD will develop a new Drought Contingency Plan (DCP) in coordination with diverse stakeholders from within the planning area, including several disadvantaged communities. TVMWD will leverage existing and in-progress member agency planning efforts as appropriate to develop the DCP. TVMWD will build upon other local planning efforts which will include their 2020 Urban Water Management Plan and Water Shortage Contingency Plan.

Colorado

Uncompahgre Valley Water Users Association, Drought Contingency Plan

Reclamation Funding: \$200,000

Total Project Cost: \$400,000

Uncompahgre Valley Water Users Association (UVWUA) operates the Gunnison Tunnel Project, which delivers over 500,000 acre-feet annually and provides irrigation water to over 83,000 acres of land located in Montrose and Delta counties, Colorado. Additionally, they deliver approximately 9,000 acre-feet per year to municipal providers. Most of the surface water use in the Gunnison and Uncompahgre Basin is used for agricultural purposes; however, rapid population growth is converting some of the agricultural water for municipal and industrial purposes. UVWUA will develop a new Drought Contingency Plan to evaluate new approaches for determining when to call for water shortage contingency plan actions, review the science related to early prediction of drought climate conditions, and develop a response framework for irrigation and municipal deliveries to employ during future drought conditions. This plan will help better leverage available water resources now and into the future, while adapting to a changing climate and variability in water supplies.

Upper Gunnison River Water Conservancy District, Upper Gunnison River Basin Drought Contingency Plan
Reclamation Funding: \$140,480 **Total Project Cost: \$306,620**

The Southwest Kansas Groundwater Management District No. 3 will better manage groundwater used by irrigators in 12 counties in southwestern Kansas by building a database to provide annual water management reports to every irrigator in the District. These reports will detail the water use, remaining saturated thickness of the aquifer, an evaluation of the effect a reduction in use would have on the aquifer, a monthly overview of the year's drought monitor during irrigation season, and an economic overview comparing water supply costs with nearby users with similar project conditions.

New Mexico

City of Roswell, Drought Contingency Plan
Reclamation Funding: \$200,000 **Total Project Cost: \$400,000**

The City of Roswell (Roswell), located in Chaves County, New Mexico, provides water and wastewater services to 48,422 people within Roswell and surrounding counties. The planning area is predominately reliant on groundwater and has experienced increasing water demands while experiencing multi-year drought conditions. Currently, Roswell is in exceptional drought conditions. This has resulted in increased groundwater pumping. Water demands in the area is among cities, agriculture, industry, recreation, and environmental uses. Roswell will develop a Drought Contingency Plan (DCP) to increase their water reliability and improve water management through conservation, expanded technologies, and improved modeling capabilities. This planning effort will work in tandem with Roswell's 2021 Water Conservation Plan.

Oregon

Santiam Water Control District, North Santiam Watershed Drought Contingency Plan Update
Reclamation Funding: \$25,000 **Total Project Cost: \$50,000**

The Santiam Water Control District will work with regional stakeholders to update the North Santiam Watershed Drought Contingency Plan (DCP), an area covering approximately 766 square miles from the western slopes of the Cascade Mountains to the Willamette Valley in Oregon. Communities, businesses, and fish and wildlife depend upon the North Santiam River from within this watershed for drinking water, commercial and industrial uses, agricultural irrigation, and instream flows. The watershed has experienced repeated episodes of extreme drought in 2015, 2018, 2020, and 2021, in addition to wildfires in 2020 and a heat dome with historic high temperatures in 2021. The updated DCP will address emerging concerns, improve the drought monitoring process, incorporate new mitigation actions, and streamline the operational and administrative framework and plan update process. This planning effort will build on coordination with the North Santiam Watershed Collaborative Planning initiative started in 2009, including the annual North Santiam Watershed Summit hosted by Salem and the North Santiam Watershed Council to discuss regional watershed management issues.