

Mojave Region IRWM Plan Potential Projects

Project No.	Replace /Revise With	Project Category	Location	Project Title	Lead Agency/ Organization	Planned Project/Program Types and Activities	Project Submittal Acceptable (Y/N) or Need more Info?	Meets Screening Criteria?	Project Type
1003	Combines 6, 7, 15, 52, 69, 80, 84, 85, 100, 120, 45R	Individual or Small System Improvements	Regional	Assistance Program for Small Drinking Water Systems	Mojave Water Agency, San Bernardino County Environmental Health Services	Program would identify water supply, water quality and infrastructure needs of small drinking water systems within the IRWM Region. Small systems needs may include but not limited to: Water quality treatment systems, fireflow protection, replacing aging infrastructure, install new infrastructure, interconnection with other purveyors, well drilling, scada systems, feasibility studies, etc. This program would help connect small systems to available funding by identifying funding sources, assisting with grant applications and paperwork, etc. Sources of funding could include State and Federal funds from a variety of programs designed to help small systems in the identified challenges listed.			
6	1003	Individual or Small System Improvements	Centro Subarea	Arsenic and Metering Project	Bar-Len Mutual Water Company	The project aims to address arsenic violations from the S.B. County Health Department, and to install water meters at residences to encourage water conservation and a usage-based billing formula. The water company has 45 customers.	Y for now, please submit backup reports from DPH to give detail on well locations and cost estimates. Need statewide priorities, program preferences or RMS.	Y	Conceptual
7	1003	Individual or Small System Improvements	Regional	Assistance Program for Small Drinking Water Systems	Mojave Water Agency	Program would identify water supply, water quality and infrastructure needs of small drinking water systems within the IRWM Region and help connect them to available funding by identifying funding sources, assisting with grant applications and paperwork, etc. Sources of funding could include State and Federal funds from a variety of programs designed to help small systems.	Y	Y	Conceptual
15	1003	Individual or Small System Improvements	Este Subarea	Center Water Company Wells, Infrastructure & Storage Project	Center Water Company	The company's system is divided into two parts as previously described. The west side currently has a dead end mainline coming from the leased wells on the east side of the flood channel to Highland Road, south on Highland to Furst St then west on Furst to a dead end. This side of the system would include a new well on Highway 18 then create a system loop from the new well south on Red Butte Ave to Furst St then east on Furst to tie into the existing dead end line. Also, from the new well site a new pipeline would run east along the highway to Highland Road, then north on Highland to point of connection with the existing mainline. The company proposes to use the two 10,000 gallon storage tanks at this new ell site.	Y	Y	Conceptual Implementable Program
52	1003	Individual or Small System Improvements	Alto Subarea	New Well - Kiowa Well No. 1	Golden State Water Co - Apple Vly South	Permit, design, drill, construct, and equip a municipal water supply well on an existing property in the Apple Valley South system.	Need statewide priorities, program preferences or RMS.	Y	Implementable Project
69	1003	Individual or Small System Improvements	Morongo Area	Supervisory Control and Data Acquisition (SCADA) System for Operations and Security	Bighorn-Desert View Water Agency	Design and Install SCADA system to automate the acquisition of data and provide centralized control of well pumps, reservoirs, booster stations, flow meters and security monitoring (intrusion monitoring) of the water system. Project would include evaluation of various SCADA products and communication protocols.	Y	Y	Conceptual
80	1003	Individual or Small System Improvements	Morongo Area	Wellhead Treatment - Uranium	Bighorn-Desert View Water Agency	Wellhead treatment for groundwater sources with elevated radionuclides (Gross Alpha, Uranium). Project components include studies to determine treatment methods available and specific to systems with no access to sanitary sewer for reject waste streams, cost/benefit analysis of methodologies, cost analysis of operation/maintenance of systems and capital construction costs. Could include research of new treatment methodologies to meet challenges associated with rural areas (low overall production, lack of sanitary sewer for reject water (brine) disposal).	Y	Y	Conceptual
83	1003	Individual or Small System Improvements	Baja Subarea	Yermo CSD - Upgrade Water Comp (?)	Yermo Community Services District	Review existing water systems, plan new system, prepare construction plans	Y, will need more backup eventually for how costs were derived.	Y	Conceptual
84	1003	Individual or Small System Improvements	Baja Subarea	Yermo Hellbro	Yermo Community Services District	Replace Yermo Hellbro water tank. It is leaking. Multiple repairs no longer repairable. Only storage tank on part of system.	Project described as implementable, but no info on costs or status. Need program preferences.	N	Implementable Project
85	1003	Individual or Small System Improvements	Baja Subarea	Yermo Marine Two	Yermo Community Services District	Replace Marine Two water storage tank. It is leaking & cannot be repaired. This is the only backup for the Marine One.	Project described as implementable, but no info on costs or status. Need program preferences.	N	Implementable Project
100	1003	Individual or Small System Improvements	Alto Subarea	Thunderbird CWD Fluoride/Nitrate Treatment Plant	Thunderbird County Water District	Evaluate and install a Fluoride/Nitrate treatment system including one groung water well, high elevation storage tank and pipeline.	N, more project info needed such as DAC applicable? Project Objectives need completing. Estimated amount of water savings needs to be provided. Why should project get put on list; what are the benefits?	N	Conceptual
120	1003	Individual or Small System Improvements	Morongo Area	Bighorn-Desert View Water Agency Infrastructure, Emergency Preparedness and Storage Projects	Bighorn-Desert View Water Agency	The Agency's water system would benefit from the following improvements some of which have been identified by CA Dept. of Public Health as sanitary or operational deficiencies. Upgrades include: generator connectors and portable generators for wells and booster stations, Sanitary upgrades at one well in Flamingo Heights, Increased reservoir storage at Well 10 hauling station, "A" Booster station reconfiguration and upgrade, system-wide leak detection, flow meter bench test upgrades, intertie with HDWD for emergency service, fire hydrant upgrades (outside of Project No. 74), protection of water pipelines that cross vulnerable washes (e.g. bury crossings deeper, encasements or concrete swales at ground level across washes, well rehabilitation, pump and motor upgrades for energy efficiency, solar power for energy efficiency.			Conceptual and Implementable
45R	1003	Individual or Small System Improvements	Alto Subarea	Apple Valley Heights County Water District Upgrade/Improvement Plan	Apple Valley Heights County Water District	Adequate water storage/fire protection (1) 200,000 gallon tank, energy costs (pumping during OFF PEAK hours), power loss protection (generators), replacement of old water main, and interconnection with Golden State.			Conceptual, Implementable