

**SANTA CLARA VALLEY WATER DISTRICT
SAFE, CLEAN WATER CONSERVATION RESEARCH GRANTS STATUS**

	Entity	Project Name	Project Location	Grant Year	Grant Program Completion Due Date	Project Description	Awarded
1	City of Palo Alto A3839	Business Water Use Reports	City of Palo Alto	2014	June 2017- Amended	Research water use among small to medium businesses in the hospitality and food service industries in the Palo Alto service area, how best to communicate with these businesses about their water use, and what benchmarking information is available. Develop and pilot Business Water Reports that use behavioral science, data analytics and targeting, and informative graphics to communicate water use and spur conservation among businesses receiving Water Use Reports.	\$45,000
2	City of Palo Alto A3838	Real-Time Water Use Monitoring - Optimal Utility Management Through Visibility to Water Consumption	City of Palo Alto	2014	June 2017- Amended	Provide customers with the information and tools to monitor their own water use in real-time, thereby empowering them to actively manage water use at their facilities and address leaks or other anomalies in water use before encountering potential financial, mechanical, structural problems or liability risks. Selected Vendor will provide setup, configuration, analytics, real-time data service, weekly and monthly reports, real-time alerts, ongoing software support, updates and maintenance. Vendor will work with CPAU staff to calibrate the sensing devices for each meter whenever necessary, including when and if meters are evaluated for testing, repair and replacement through the CPAU meter auditing program. Vendor will facilitate training for the customer and CPAU staff, as needed, on use of the software monitoring platform. Vendor will assist CPAU staff with the final data evaluation to document program results.	\$30,000
3	Our City Forest A3781	Innovative Nursery Irrigation	San Jose	2014	February 2017- Amended	Design and install a prototype of an innovative water-conserving irrigation system in an educational garden.	\$30,000
4	Bevilacqua-Knight, Inc. A3843	Employee Rewards for Water and Energy Savings Program	Countywide	2015	June 2017	Partnering with large corporate employers in Santa Clara County for outreach to educate employees on water efficiency and conservation in their homes through an employee rewards program.	\$50,000
5	San Jose Water Company A3885	Advanced Metering Infrastructure (AMI) Residential Pilot Program	Willow Glen Neighborhood	2015	June 2017	Evaluate advance metering infrastructure (AMI) system for single family residential customers - Willow Glen area. Evaluate conservation benefits of AMI cellular network technical system. Transmit data via existing cell network. Provide real time data and leak detection to customers and utility staff.	\$50,000
6	San Jose Water Company A3886	Advanced Metering Residential Pilot Program	Willow Glen Neighborhood	2015	June 2017	Research to evaluate water saving potential from using new class - advanced water meters (ultrasonic E-Series from Badger Meter Inc.) for single family residential customers in the San Jose Water Company service area - Willow Glen.	\$50,000
7	City of Morgan Hill A3865	Experimental Turf Irrigation Technology Evaluation at Morgan Hill Aquatics Center	City of Morgan Hill	2015	June 2017	Test KISSS, a new lawn irrigation technology system, on two lawn areas near swimming pool on Morgan Hill facility. This pilot project will be designed specifically to test the technology with experimental and control areas of turf.	\$48,500
8	Deal Closet LLC DBA Bay Area Fresh A3848	Low Cost Hydroponics for Cost Effective Growth of Leafy Vegetables	Mountain View	2015	June 2017	Study efficiency of using farm wastewater for commercial growth of leafy vegetable crops through a hydroponic system in Santa Clara County. Using a method that captures wastewater from commercial NFT hydroponic system and recycles it into another hydroponic method, a Kratky's method that requires no pumps or additional nutrients beyond those initially applied.	\$25,000
9	City of Mountain View A3989	Advanced Metering Infrastructure Feasibility Study and Pilot	Mountain View	2016	June 2018	Evaluate available Advanced Metering Infrastructure (AMI) systems and their ability to optimize meter reading efficiency, increase customer service, and promote water-use efficiency within Mountain View.	\$50,000
10	Purissima Hills Water District A3951	Residential Advanced Metering Program	Los Altos Hills	2016	June 2018	Test the efficacy of AMI in reducing water use amongst Purissima Hills Water District Customers	\$50,000
11	Velotron LLC A3956	Micro Streams Faucet Adapter	San Jose	2016	June 2018	Install micrometer sensors in businesses in Santa Clara County to determine water use and detect leaks to help save water.	\$30,000
				TOTAL AMOUNT OF GRANTS AND PARTNERSHIPS			\$458,500