

2018 Safe, Clean Water Priority A - Water Conservation Research Grant Summary

4/9/2018

Grant Applicant Name	Applicant Project Name	Amount Requested	Total Project Cost	Grantee % Contribution (25% Required)	Average Score from Review Panel	Review Panel Recommendation	Project Brief Description	Target Audience
Purissima Hills Water District	Residential Advanced Metering Program	\$50,000	\$158,969	69%	86.00	Fund \$50,000	The proposed grant funding of \$50,000 for the purchase of 600 Beacon devices is to demonstrate that Advanced Metering Infrastructure (AMI) is an efficient tool to achieve sustained water savings in Purissima Hills Water District (PHWD). This follow-on program will provide the funds to substantially complete the AMI throughout the PHWD system.	Single Family Residents
WaterNow Alliance	Beyond Leak Detection: Evaluating Water Conservation and Leak Notification Benefits of "Smart Home" Devices	\$50,000	\$66,667	25%	84.25	Fund \$50,000	The purpose of this pilot study is to characterize the typical water savings - both from leak detection and water conservation behavior - that households experience following installation of a next-generation leak detection device. The study will evaluate two devices found to have design features well-suited to encouraging water conservation.	Single Family Residents
PS Creations	PlateScrape - The new standard for pre-sanitizing plates	\$30,192	\$60,392	50%	82.75	Fund \$30,192	The PlateScrape is a device built to pre-sanitize plates more efficiently and is estimated to use over 75% less water than current spray off methods. The goal of the project is to establish PlateScrape as a new standard in restaurants by testing it in six restaurants in Santa Clara Valley and analyzing water and energy use with and without a PlateScrape.	Restaurants
City of Santa Clara	Rain Harvesting	\$10,000	\$13,516	26%	74.25	Do not fund	This project will offer tiered rebates to residential or commercial water customers who purchase and install rain barrel systems with a minimum size of fifty (50) gallons. At the completion of the agreed upon timeframe, customers will be asked to report on the amount of water used from their rain barrel(s).	Single Family Residents and businesses
San Jose Water Company	Water Audit Data Integration and Leak Evaluation	\$30,000	\$211,500	86%	73.50	Do not fund	This project will modernize the collection of data during a residential Water Audit, optimizing the time Water Auditors spend at each home.	Single Family Residents
DripCycle	DripCycle Water Reuse Project	\$50,000	\$70,244	29%	69.00	Do not fund	This project aims to vastly reduce potable water use for commercial buildings in Santa Clara County by implementing four DripCycle systems. DripCycle captures condensate produced from commercial air-conditioning units, along with rainwater creating a sustainable and cost effective onsite water reuse system.	Commerical properties
Flycatcher Marketing	AMI Irrigation Sub-metering Study	\$30,000	\$50,000	40%	44.50	Do not fund	Measure the impact of real-time irrigation consumption data on behavior necessary to reduce consumption, waste and non-point source pollution	Single Family Residents
Recommended Grantees	Totals for Recommended Projects	\$130,192	\$286,028			\$130,192		

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