

## Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
A2	2014	City of Palo Alto	Business Water Use Reports	The project will research water use among small to medium businesses in the hospitality and food service industries in the Palo Alto area. The project will develop and pilot Business Water Reports that use behavioral science, data analytics and targeting, and informative graphics to communicate water consumption to these businesses.	\$45,000	N/A	Cancelled	
A2	2014	City of Palo Alto	Real-Time Water Use Monitoring - Optimal Utility Management Through Visibility to Water Consumption	The project will provide customers with information and tools to monitor their water use in real-time. The project seeks to encourage active water management at the customer's facilities by making them aware of potential anomalies in water usage. The project will contract with a vendor to provide setup, configuration, analytics, real-time data service, weekly and monthly reports, real-time alerts, ongoing software support, updates and maintenance. The vendor will work with CPAU staff to calibrate the sensing devices for each meter whenever necessary. The vendor will facilitate training on use of the software monitoring platform and assist CPAU staff with the final data evaluation to document program results.	\$30,000	N/A	Cancelled	
A2	2014	Our City Forest	Innovative Nursery Irrigation	The project will design and install a prototype of an innovative water-conserving irrigation system in an educational garden.	\$30,000	N/A	Cancelled	
A2	2015	City of Morgan Hill	Experimental Turf Irrigation Technology Evaluation at Morgan Hill Aquatics Center	The project will 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	\$64,900	Closed December 2017	<ul style="list-style-type: none"> <li>No water savings experienced with the KISSS system. Using a different species of grass in a different soil type or climate may conclude with a more positive result.</li> <li>Conclusion is that the system is appropriate only at sites that are very closely managed by a small number of people and in a low traffic area.</li> </ul>
A2	2015	Deal Closet LLC DBA Bay Area Fresh	Low Cost Hydroponics for Cost Effective Growth of Leafy Vegetables	The project will study the efficiency of using farm wastewater for commercial growth of leafy vegetable crops through a hydroponic system in Santa Clara County. The project will use a method that captures wastewater from commercial Nutrient Film Technique (NFT) hydroponic systems and recycle it into another hydroponic method that requires no pumps or additional nutrients beyond those initially applied (Kratky's method).	\$25,000	\$42,144	Closed July 18, 2017	<ul style="list-style-type: none"> <li>Conducted 4 experiments to find out if recycling hydroponic wastewater statistically impacts the growth of food crops.</li> <li>Results showed that there was no effect between using recycled wastewater and using fresh water, and it's unlikely additional experiments would produce a result as extreme or more extreme than the one from this sample.</li> <li>Plant sizes were in favor of using the Kratky system over the NFT system. The NFT plants were smaller and slower growing, but had tighter clustering of sizes.</li> <li>The results showed the Kratky method outdoors outperforms NFT in all cases tested except in the case of heavily reused wastewater.</li> </ul>
A2	2015	San Jose Water Company	Advanced Metering Infrastructure (AMI) Residential Pilot Program	The project will evaluate advanced metering infrastructure (AMI) systems for single family residential customers in the Willow Glen area. The project will measure the conservation benefits of an AMI cellular network technical system. The project will transmit data via existing cell network and provide real time data and leak detection to customers and utility staff.	\$50,000	\$120,015	Closed June 30, 2018	<p>Piloted the technologies on 2 meter reading routes in Willow Glen with approximately 800 customers. Real-time water usage data available via two online portals, for both the utility and customers.</p> <p>Major findings of the study:</p> <ul style="list-style-type: none"> <li>Both network systems worked well with no discernable performance differences.</li> <li>High water-consuming households were more likely to sign up for the portal than low.</li> <li>In the Badger route, households that signed up for the portal used 24% more water in the year preceding the pilot. In the Sensus route, households that signed up for the portal used 8% more water in the year preceding the pilot.</li> </ul>

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A2	2015	San Jose Water Company	Advanced Metering Residential Pilot Program	The project will evaluate the water savings potential by using the new class of advanced water meters such as the ultrasonic E-Series from Badger Meter Inc. (Badger) and Sensus Iperl for SFR customers in San Jose. The new meters complement the proposed automated meter reading infrastructure (AMI) systems that are described in a separate grant proposal. The target audience for this project will be two meter reading routes of residential customers located in the Willow Glen neighborhood.	\$50,000	\$107,844	Closed June 30, 2018	Water conservation results varied by pilot area: <ul style="list-style-type: none"> <li>Customers in the Badger pilot area who signed up for the portal used 7% less water in the year after the pilot as compared to the control group.</li> <li>Customers in the Badger pilot area who did not sign up for the portal used 2% less water in the year after the pilot as compared to the control group.</li> <li>This information is calculated based on the total water use for one year before and after the Advanced Metering installation.</li> </ul>
A2	2015	Bevilacqua-Knight, Inc.	Employee Rewards for Water and Energy Savings Program	The project will partner with large corporate employers in Santa Clara County to educate employees on water efficiency and conservation in their homes through an employee rewards program.	\$50,000	\$64,324	Closed August 2, 2017	<ul style="list-style-type: none"> <li>Ran a 3-month campaign which engaged 431 employees from eBay, VMware and BKi (4% of eligible employees at eBay, 8% at VMware, and 76% at BKi).</li> <li>Participants logged 59 projects and 3,590 actions that cumulatively were estimated to save more than 1.3 million gallons of water a year.</li> <li>97% of VMware participants and 95% of eBay participants thought the challenge was a helpful way to learn about ways to save water.</li> <li>Almost 90% of participants from VMware and eBay believed it was very important that their company provided opportunities to live a sustainable lifestyle at home and work.</li> </ul>
A2	2016	Purissima Hills Water District	Residential Advanced Metering Program	The project will test the efficacy of advanced metering infrastructure (AMI) in reducing water use amongst Purissima Hills Water District customers.	\$50,000	\$99,200	Closed July 2, 2018	<ul style="list-style-type: none"> <li>Installed 400 Beacon end points and registers and compared water usage by Beacon to the Orion AMI.</li> <li>Customers with Beacon meters saved approximately 46,623 cubic feet of water over 2 years (a 32% reduction in water usage) vs. customers with Orion meters.</li> </ul>
A2	2016	Velotron LLC	Micro Streams Faucet Adapter	The project will install micrometer sensors in businesses in Santa Clara County to determine water useage and detect leaks to help save water.	\$30,000	\$40,000	Closed June 2018	The 0.1 Gallon Per Minute (GPM) micro-stream faucet adapter developed by Velotron was proven to be capable of providing satisfactory sensation and efficiency for common washing activities with significantly lower water consumption.
A2	2016	City of Mountain View	Advanced Metering Infrastructure Feasibility Study and Pilot	The project will 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	\$175,000	Completed March 2019	<ul style="list-style-type: none"> <li>7 customer side leaks were detected out of 150 accounts included in the program.</li> <li>Average water usage for the pilot accounts were compared during and prior to the pilot implementation and identified that AMI water savings could be as high as 41%.</li> <li>Implementation of this pilot program identified a useful and underutilized feature that notifies customers when 24 hours of continuous water use was detected.</li> <li>Recommended that the City continue with implementation of the pilot program and move to full deployment so AMI to increase operational efficiencies.</li> </ul>

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A2	2017	Ecology Action	Every Drop Counts – Investigation of Water Savings from Indoor, Non-Potable Rainwater Harvesting Systems	The project will partner with residential, commercial, and institutional property owners to construct and monitor water use and water quality of rooftop rainwater harvesting systems for indoor, non-potable uses, such as toilet flushing and clothes washing.	\$49,940	\$97,765	Closed July 24, 2020	<ul style="list-style-type: none"> <li>Both residential rainwater harvesting systems reduced the demand for municipal-potable water used for indoor purposes by 15-16% annually.</li> <li>Annual water savings from the rainwater harvesting systems ranging between 7,866 to 9,768 gallons.</li> <li>The Los Altos Hills combined rainwater and greywater system reduced municipal water use by 17,952 gallons (or 24 Centum Cubic Feet (CCF)) during the one-year monitoring period.</li> <li>Over 20 years, the Los Altos Hills residence combined rainwater/greywater reuse system is estimated to conserve 1.1 acre feet, and the San Jose residence rainwater harvesting system is expected to conserve 0.48 acre feet.</li> <li>The study found no significant difference in E.coli levels between the minimum code required 100-micron filtration and ultra-violet disinfection.</li> </ul>
A2	2017	Fisher Nickel, Inc.	Dipper Well Replacement	The project will measure existing dipper well(s) water use and verify the savings potential through a replacement with best available technologies in a real-world food service setting.	\$37,500	\$50,000	Closed November 2, 2020	<ul style="list-style-type: none"> <li>Between the 5 different test locations, the dipper well replacement technologies demonstrated an average water savings of approximately 250 gallons per day.</li> <li>This research will be shared with commercial foodservice facilities.</li> </ul>
A2	2018	Purissima Hills Water District	Residential Advanced Metering Program	The project will purchase and install 600 advanced metering devices to demonstrate that Advanced Metering Infrastructure (AMI) is an efficient tool to achieve sustained water savings in Purissima Hills Water District (PHWD) service area. This follow-on program will provide the funds to substantially complete the AMI program throughout the PHWD system.	\$50,000	\$163,969	In progress	
A2	2018	Trust for Conservation Innovation DBA Multiplier	Beyond Leak Detection	The project will conduct a pilot study to characterize the typical water savings 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 that encourages water conservation.	\$50,000	\$66,667	In progress	
A2	2018	PS Creations LLC	PlateScrape	The project will pilot test the water and energy savings of the PlateScrape technology. This device is built to pre-sanitize plates more efficiently and is estimated to use 75% less water than current spray off methods.	\$30,192	\$60,392	In progress	
A2	2019	Purissima Hills Water District	Echologics EchoShore DX Leak Project	The project will test the efficacy of Echologics EchoShore DX Leak detection technology in reducing water throughout the distribution system.	\$30,000	\$111,530	Cancelled	
A2 Mini-Grant	2021	Association of the Los Altos Historical Museum	Conservation in the Commons: Comparing Methods	The project will install water conservation technology and appropriate explanatory signage in two distinct zones of the Los Altos Civic Center's 10 acres of public land. The project will educate the public about several approaches to water conservation and encourage the adoption of these technologies. The project includes workshops, hands-on demonstrations, and video/photograph social media outreach led by staff and volunteer efforts at the Los Altos History Museum.	\$4,997	\$24,684	Agreement execution in progress	

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A2 Mini-Grant	2021	Environmental Volunteers, Inc.	EV Sprout Up Explores Water Conservation	This project will develop a three-part video series on the water cycle, water conservation practices, environmental justice, and water conservation advocacy. The videos will provide learning opportunities for kindergarten to fourth grade students in Santa Clara County and have corresponding worksheets, activities, and experiments for students. The video series will be developed by EV's Sprout Up college student volunteers.	\$4,998	\$7,608	Agreement execution in progress	
A2 Mini-Grant	2021	Bay Area Older Adults	Water Conservation Workshop Series for the Older Adult Community	The project will create, promote, and present eight live water conservation workshops for 220 seniors age 55 and over. The project will convey the urgent need for water conservation inside and outside of the home. The video recording of the program will also be shared with 3,500 members and partners.	\$5,000	\$14,490	Agreement execution in progress	
A2 Mini-Grant	2021	Ani & Cat LLC	Water Conservation in Our Neighborhoods	In conjunction with the "This is Neighborhoods... San Jose" documentary series, the project will include fun and educational video shorts, GIFs, and motion graphics encouraging children and their families to look for ways to conserve water in their homes and yards. The project will encourage participation through games and achievement awards for successfully completing goals.	\$5,000	\$15,000	Agreement execution in progress	
A2 Mini-Grant	2021	Evergreen Islamic Center	EIC Drinking Water Stations	The project will install two water stations at the EIC facility, one inside and one outside the building. The water stations will serve more than 3,000 people a month on average and will have touchless dispensing feature. The project will eliminate the use of plastic water bottles and paper cups at EIC's daily events.	\$5,000	\$8,730	Agreement execution in progress	
A2 Mini-Grant	2021	Friends of Master Gardeners of Santa Clara County	Drink What You Grow! Teaching and Demonstration Garden Foundation Project	The project will conduct virtual and hands-on outreach education activities for residents of the county. The project will take place in a 950 sqft. garden and will provide information about edible landscaping in small spaces. The garden will also feature information about a variety of topics including sustainable gardening, waste reduction, and water and aquifer conservaton.	\$5,000	\$10,666.24	Agreement execution in progress	
A2 Mini-Grants	2021	Smart Yards Education Foundation	Rebuilding Together Landscape Conversion Event	The project will be hosted in partnership with Rebuilding Together and Razing the Bar, and will support current and former foster youth in San Jose who are interested in pursuing a career in ecological lawn conversion. Razing the Bar's foster home will have their front yard landscaped with native plants and water conservation features such as a permeable gravel patio. Smart Yards Education will provide hands-on training and water conservation lessons during the lawn conversion.	\$5,000	\$6,700	Completed March 2021	Close out in progress.
<b>Total</b>					\$741,127	\$1,351,628		

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B3	2014	County of Santa Clara (Partnership)	Green Business Program	The partnership will fund Green Business certifications to promote the awareness and increase the number of certifications and re-certifications.	\$240,000	\$240,000	Closed June 30, 2016	<p>The partnership funded the certification of a maximum of 75 businesses over a 3-year period. Partnership achievements:</p> <ul style="list-style-type: none"> <li>• 90 business certified/recertified in FY14.</li> <li>• 75 businesses certified/recertified in FY15.</li> <li>• 103 businesses certified/recertified in FY16.</li> <li>• Advertisement campaign in FY16 about reducing urban runoff from businesses.</li> </ul> <p>Partnership results:</p> <ul style="list-style-type: none"> <li>• 584,357 milligrams of mercury reduced.</li> <li>• 740,875,831 pounds of solid waste diverted from the landfill.</li> <li>• 955,408,254 pounds/tons of Greenhouse Gas Emissions reduced.</li> <li>• 7,075 gallons of fuel saved.</li> <li>• 530,483 gallons of grease recycled.</li> <li>• 137,936,466 gallons of water saved.</li> <li>• 410,335,999 kWh energy saved.</li> </ul>
B3	2014	California Product Stewardship Council	Secure Pharmaceutical Collection Bin Expansion	The project will prevent residential pharmaceutical waste from contaminating waterways by establishing 50 new, convenient and secure pharmaceutical collection bins in pharmacies, hospitals and police stations in Santa Clara County.	\$206,417	\$276,352	Closed October 6, 2017	<ul style="list-style-type: none"> <li>• 29 collection sites installed in local pharmacies and a few fire and police departments.</li> <li>• More than a ton-and-a-half (3,280 pounds) of prescription medication was collected from the bins.</li> <li>• Produced a video to educate county residents about the consequences of improper medicine disposal as well as the appropriate disposal method.</li> </ul>
B3	2014	San Jose Parks Foundation	Trash Free Coyote Creek Cleanup and Surveillance Project	The project will create a trash free zone in the Coyote Creek riparian corridor between Tully Road and Hellyer Park (including the park) to reduce trash and pollution and their associated impacts on water quality and fishery beneficial uses.	\$26,783	\$80,760	Closed September 30, 2015	<ul style="list-style-type: none"> <li>• 14 cleanups.</li> <li>• More than 80,000 pounds trash removed.</li> <li>• 1,296 volunteers participated in a 3-hour event.</li> <li>• Monthly coordination meetings with Park Rangers, Environmental Services and Valley Water.</li> </ul>
B3	2014	West Valley College	West Valley College Parking Lot 2 Stormwater Pollution Reduction Project	The project will implement the West Valley College Stormwater Pollution Reduction Plan through installation of stormwater improvements within Parking Lot 2. Stormwater planters will be constructed in the northern sections of the existing parking lot landscape islands and in the northeastern corner of the parking lot. The planters will treat runoff from the parking lot asphalt, concrete, and interior landscaping areas. After treatment, the stormwater will discharge to existing storm laterals off of Allendale Avenue.	\$200,000	\$1,052,054	In progress	
B3	2015	Silicon Valley Senior Services	Environmental Assist Pharmaceutical Pick-Up (EAPP) Program	The project will help decrease the amount of pharmaceuticals in our drinking water. EAPP's volunteers and local police/sheriff departments will assist seniors and the disabled for safe pick-up of pharmaceutical waste; and provide information and education to Santa Clara County residents about safe disposal.	\$90,525	N/A	Cancelled	
B3	2015	City of San José (Partnership)	San José Watershed Community Stewardship & Engagement Project	The project will provide community engagement, outreach and education to engage the homeless population, and provide trash cleanup in both Coyote Creek and Guadalupe River. The work will be conducted in socio-economically diverse neighborhoods along two different watersheds.	\$546,250	\$1,090,000	In progress	

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B3	2016	South Bay Clean Creeks Coalition	South Bay Creek Cleanup Program	The project will recruit volunteers through trail and park tabling, and canvassing adjacent neighborhoods. These volunteers will participate in the TEAM 222 Clean Up program, which conducts clean ups every other month at multiple sites, including corporate events; and work on a citizen monitoring network.	\$60,000	\$80,000	Closed July 21, 2017	<ul style="list-style-type: none"> <li>14 cleanups.</li> <li>9.9 tons of trash collected.</li> <li>442 volunteers; 946 volunteer hours.</li> <li>9 community presentations.</li> <li>Developed outreach materials, including art work and video about spawning Chinook Salmon.</li> <li>Conducted social media outreach.</li> <li>Won the Governor's Environmental and Economic Leadership Award.</li> </ul>
B3	2016	County of Santa Clara (Partnership)	Pollution Prevention and Zero Waste Project	The project will implement the Green Business Program, a third-party verified compliance-based program addressing surface water quality, storm water protection, pollution prevention and education. The program will identify pollution sources and provide ways to reduce use of toxic materials, and implement stormwater protection practices.	\$200,000	\$690,000	Closed July 22, 2020	<ul style="list-style-type: none"> <li>259 businesses certified as Green Businesses.</li> <li>3 ads were run in local community newspapers annually</li> <li>Attended a total of 38 outreach events.</li> <li>Over 1,600 brochures were distributed throughout the community.</li> <li>Over 150 posts on various social media platforms</li> <li>Conducted over 400 business site visits to walk applicants through the certification process.</li> </ul>
B3	2016	Acterra Stewardship (transferred to Grassroots Ecology)	Greening Urban Watersheds	The project will provide designs for 4 rain barrels, 2 cisterns and 4 bio-retention/rain garden projects; coordinate 12 hands-on workshops to install rain barrels/gardens on city properties, and conduct 21 community creek cleanup events along 3 creeks; and remove 13,000 pounds of trash from 4 miles of riparian corridors.	\$93,617	\$189,261	Closed June 29, 2020	<ul style="list-style-type: none"> <li>Created 12 plans for 6 rain barrel installations, 2 cistern installations, and 4 bioretentions/rain garden installations.</li> <li>12 rain barrel workshops attended by 165 participants</li> <li>Installed 6 rain barrel systems and 4 cisterns at 6 sites in Palo Alto with a total capacity of 2,055 gallons.</li> <li>Installed 4 rain gardens.</li> <li>22 creek cleanups removed 23,770 lbs of trash along 29 miles of creek corridor with the help of more than 1,000 volunteers for a total of 3,066 volunteer hours.</li> <li>Published 12 project-related articles (1 local television news.</li> <li>Installed 508 native plants and 12 signs.</li> <li>Worked with City of Palo Alto staff and other facility managers to ensure continued proper maintenance of installations.</li> </ul>
B3	2016	Santa Clara County Creeks Coalition	Trash Free North Coyote Creek Watershed Stewardship and Engagement Project	The project will conduct 12 volunteer trash cleanups and outreach activities, recruit more than 700 volunteers from business and community organizations and implement a docent-led walks program along 5 miles of north Coyote Creek from Tasman Drive to Jackson Street.	\$89,399	\$142,239	Closed March 15, 2018	<ul style="list-style-type: none"> <li>Conducted 24 cleanup events and removed more than 30 tons of trash from the banks of Coyote Creek in north San José.</li> <li>Recruited more than 800 volunteers to assist with trash removal and learn about pollution prevention and ecological restoration of the creek.</li> <li>Delivered 13 presentations to community organizations and attended 12 community events to inform the public about Coyote Creek and opportunities to be stewards of the creek.</li> <li>Implemented a docent training program and led 10 public nature walks along Coyote Creek.</li> <li>Documented changes in creek encampments along Coyote Creek, between Watson Park and Tasman Drive.</li> </ul>

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B3	2016	San Francisco Bay Wildlife Society	Don Edwards San Francisco Bay NWR Clean-Up 2016	The project will collaborate with the San José Conservation Center and volunteers from Don Edwards San Francisco Bay National Wildlife Refuge to remove trash from south San Francisco Bay tidal marshlands, mudflats and adjacent uplands in Santa Clara County. The project will integrate Litterati™ a social media technology, to create a litter database for long-term trash reduction and provide an interpretive display for education and outreach.	\$35,391	\$73,390	Closed March 22, 2018	<ul style="list-style-type: none"> <li>Removed 6,280.6 pounds (3.14 tons) of trash during 45 days of Litterati cleanups accomplished by 438 people.</li> <li>4,403 people were reached through 5 outreach events in Santa Clara County.</li> <li>Documented 13,002 photos with the Litterati app of every piece of trash collected and disposed of properly.</li> <li>Cleaned 79.95 linear miles of refuge land and cleaned 100% of each first priority location, including Pond A-8, Pond A-17, Pond A-5/A-7, and Pond A-16.</li> <li>Removed 509 bags of trash and cleaned 50% of a second priority area at Pond A-15.</li> <li>Provided 14 presentations about trash prevention and Litterati to community organizations and volunteer groups.</li> </ul>
B3	2016	Regents of the University of California	Effective Storage and Composting of Livestock Manures	The project will establish demonstration sites at 4 locations at McClellan Ranch, Emma Prusch and Martial Cottle Parks and the South County Airport. The project will outreach to livestock owners for proper manure storage and safe composting. The work will minimize pathogens from manures from entering stormwater and creeks by demonstrating effective and safe composting.	\$60,000	\$213,845	Completed December 2019	Close out in progress.
B3	2016	West Valley College	West Valley College North Walk Storm Water Quality Improvements	The project will treat runoff from six acres in the North Walk and Parking Lot 6 sub-watersheds. The project includes the installation of storm water planters, rain gardens and bio-swales to promote infiltration and provide water quality treatment.	\$71,068	\$648,301	In progress	
B3	2018	City of San José (Partnership)	Pollution Prevention and Creeks Cleanup	The partnership will provide support to Downtown Streets Team, a local non-profit that engages the homeless community through outreach and education, to actively work to maintain litter free waterways.	\$195,000	\$495,000	Closed February 9, 2021	<ul style="list-style-type: none"> <li>Posted 12 social media posts about project activities.</li> <li>Presented to 4 community organizations.</li> <li>Educated 425 members of the public about pollution prevention.</li> <li>Attended 8 community events with approximately 770 attendees.</li> <li>Collected 13,868 yards of trash throughout Coyote, Guadalupe, and Los Gatos creeks.</li> </ul>
B3	2018	City of Milpitas	Contaminant Overflow and Backflow Prevention Project	The project will install additional SmartCovers to equip the City with high-tech devices that will alarm City employees of any possible contaminants in waterways. The Contaminant Overflow and Backflow Prevention Program has, and will continue to, enrich the community with knowledge of the City waterways and City techniques to prevent contaminated overflow, or backflow, into City and nearby creeks.	\$30,745	\$85,383	Closed July 24, 2020	<p>Purchased and installed 30 SmartCover devices at strategic manhole locations adjacent to water bodies and creeks to prevent contaminants from entering nearby waterways in the event of a sanitary sewer overflow.</p> <p>Project resulted in:</p> <ul style="list-style-type: none"> <li>Proactive prevention and reduction of sanitary sewer overflows.</li> <li>Improved sanitary sewer overflow response time.</li> <li>Increased protection to the health and safety of the public and environment.</li> </ul>
B3	2018	Loma Prieta Resource Conservation District	Reducing Pollutant Source Loads	The project will partner with the University of California Cooperative Extension (UCCE) and the United States Department of Agriculture Natural Resources Conservation Service (USDA NRCS) to provide four-prong outreach and assistance to limited resource, socially disadvantaged Chinese-speaking farmers in Santa Clara County.	\$70,636	\$121,436	In progress	
B3	2018	Downtown Streets Team	El Camino Clean Up	The project will prevent litter from entering the water ways along El Camino Real, between Mary Ave and Wolfe Road in Sunnyvale. Volunteers will daily pick up litter daily in the gutters, pass out pocket ashtrays to smokers, and provide literature and education to the community.	\$122,280	\$190,828	In progress	

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B3	2018	Downtown Streets Team	Penitencia Creeks Team	The project will improve water quality through reducing homelessness and the associated impacts of trash and debris on Penitencia Creek. The project will recruit and organize program participants living within the project area along the Penitencia Creek, to clean the Penitencia Creek riparian corridor of debris and trash. The project will also conduct peer-to-peer outreach to assist other individuals outside the program to transition to housing, to communicate water quality concerns, and to encourage environmentally responsible behavior in the homeless population.	\$122,280	\$196,816	In progress	
B3	2018	Santa Clara Valley Transportation Authority (VTA)	Keep Santa Clara Valley Beautiful	The project will develop a countywide program to reduce litter on Santa Clara County's freeways and prevent contaminants from entering nearby underground watersheds and creeks. The project will include the following key elements: <ul style="list-style-type: none"> <li>Partner with a national subject matter expert in the community environment preservation field, who will deliver a customized litter prevention program, develop a marketing campaign, and provide technical training for local staff and community leaders.</li> <li>Procure and install litter enforcement signs at "hot spot" locations.</li> <li>Organize two to three local volunteer litter clean-up events and one litter prevention summit.</li> </ul>	\$78,285	\$104,380	In progress	
B3	2018	Grassroots Ecology	Westwind Barn Stormwater Infiltration Project	The project will bring together volunteers and community partners to increase stormwater infiltration at Westwind Community Barn in the upper Adobe Creek watershed at the site of a newly decommissioned horse paddock area. This site presents an opportunity to enhance stormwater infiltration and water pollution filtration above Moody Creek. The project will install a series of berms and contour plantings to slow and treat surface runoff as it approaches the creek, and densely plant low-lying areas to further slow and sink runoff. Volunteers will help create berms using nuisance vegetation removed from the project site, install strategically placed native plants along the contour and in topographic low points, and monitor progress by collecting data on water quality above and below the project site.	\$70,606	\$118,219	In progress	
B3	2019	City of San José (Partnership)	Tully Road Ballfields Creek Cleanup Project	The project will engage in a creek cleanup to address litter, trash and illegal dumping throughout San Jose Council District 7 to reduce trash-related blight. The Project will focus on removing debris that pollutes Coyote Creek by coordinating cleanups, abating homeless encampments, investigating the installation of barriers to reduce re-encampment and engaging the community to address litter and trash.	\$200,000	\$331,900	In progress	
B3	2020	Grassroots Ecology	Community Based Stewardship of Green Stormwater Infrastructure	The project will partner with the City of Palo Alto to develop a community-based stewardship effort for existing bioretention areas in the City's Southgate neighborhood. The objective of the program is to educate the community about green stormwater infrastructure (GSI) and to involve community members in the stewardship of bioretention areas in their neighborhood. The project will include neighborhood work parties to refurbish and replant existing bioretention areas with locally native plants; and a community adoption program to help monitor and clean bioretention areas; as well as hands-on training for San Jose Conservation Corps members in green stormwater infrastructure care and maintenance.	\$89,332	\$178,849	Agreement execution in progress	



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B3	2020	West Valley Clean Water Program Authority	School Site Stormwater Pollution Prevention Plans	The project will educate middle and high school students about contaminants entering our water, and then empower them to make meaningful changes to improve water quality. This is accomplished through the structure of preparing a School Site Stormwater Pollution Prevention Plan (SWPPP). Using the school site as their focus, students will design and implement activities they have identified, using water quality goals, to reduce pollutants from flowing off their campus.	\$35,088	\$78,230	Agreement execution in progress	
B3	2020	County of Santa Clara	Green Business Program	The project is a compliance-based certification program operated in all 15 cities within Santa Clara County. Businesses seeking certification must meet the minimum requirements in order to achieve certification. The project requires businesses to reduce environmental impacts in areas of energy, water, solid waste, transportation and take initiatives on pollution prevention best practices. In addition to these requirements, businesses must remain in compliance with all federal and state regulations relating to hazardous waste, hazardous materials, wastewater, storm water, food permits, pool & spa safety, fire code, and all other permits as applicable to the business. The Green Business Program partners with city and county compliance inspection agencies to educate businesses as well as utility partners and haulers to help businesses look for rebate incentives to become more sustainable.	\$120,000	\$530,460	Agreement execution in progress	
B3	2020	Children's Discovery Museum of San Jose	Exploration Portal: Preventing Pollution	The project will implement an Exploration Portal, a 4,000 square foot addition to the half-acre outdoor environmental education area at the Children's Discovery Museum of San Jose, known as Bill's Backyard: Bridge to Nature. This project provides the opportunity to design and build a public space that prevents toxic runoff to the Guadalupe River while also offering educational experiences and facilitated programs. The project will showcase natural and human-made methods to prevent contaminants and other pollution from running off the nearby streets and trails into the Guadalupe River.	\$144,500	\$3,155,938	In progress	
B3	2020	Guadalupe River Park Conservancy	Reducing the Impacts of Litter Along the Guadalupe River Trail	The project will provide stewardship along the four-mile segment of the Guadalupe River Trail between Virginia Street and Skyport Drive in downtown San Jose (Trail). The project will remove litter and debris along the Trail; provide rapid response to major pollutant threats; increase homeless outreach; create a more welcoming Trail environment; and provide education about the impacts of pollution reduction to the community.	\$90,049	\$225,100	In progress	
B3	2021	City of San José (Partnership)	Cash for Trash	The partnership will engage the homeless community to assist with creek cleanups by expanding the City's current Cash for Trash Program to include encampment residents who reside along Valley Water creeks and waterways.	\$180,000	\$310,500	In progress	
<b>Total</b>					\$3,468,251	\$10,899,241		

**Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3**

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
B7	2018	South Bay Clean Creeks Coalition	Los Gatos Creek TEAM 222	The project will recruit volunteers for stream cleanups addressing the on-going trash loads in the riparian corridors and creek created by homeless encampments and storm run-off. The TEAM 222 Program will conduct multiple events every other month on the second Saturday along stretches of Los Gatos Creek.	\$15,000	\$19,995	Closed December 8, 2020	<ul style="list-style-type: none"> <li>• Participated in 2 volunteer recruitment events.</li> <li>• Hosted 5 cleanup events with 276 volunteers.</li> <li>• 583 hours expended by volunteers at cleanups sites.</li> <li>• Collected 9.1 tons of trash.</li> <li>• Shared 4 social media posts and updated the website about the cleanup program.</li> <li>• Created a recycled art project.</li> </ul>
B7	2014	Girl Scouts of Northern America	Girl Scouts Go Green in Santa Clara County	The project will implement an environmental outreach and education program focusing on "providing education and outreach for reducing pharmaceutical waste and other pollutants in our waterways (showing a benefit through awareness and engagement)."	\$44,116	\$56,205	Closed July 31, 2016	<p>The 10-week afterschool environmental stewardship program was held at 18 partner sites in Santa Clara County in which:</p> <ul style="list-style-type: none"> <li>• 487 girls participated.</li> <li>• At least 4-8 hours were spent on hands-on environmental learning.</li> <li>• At least 4-6 hours were spent on environmentally-focused field trip.</li> <li>• At each partner site girls engaged in 2 community action projects.</li> <li>• More than 7,500 community members were reached through each of the girl-led community action projects.</li> </ul> <p>By the end of the program:</p> <ul style="list-style-type: none"> <li>• 82% of participating girls were able to name 2 or more actions they can personally take to prevent waste or pollutants from entering waterways, as measured by the post-program surveys.</li> <li>• 97% of participants were able to explain why mercury and pharmaceuticals are harmful when they enter our waterways, as measured by instructor observation.</li> <li>• 80% of participating girls reported that they could have a job that helps the environment, as measured by post-program surveys.</li> <li>• 91% of girls showed increased interest level in learning about environmental science, as measured by post-program surveys.</li> </ul>

**Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3**

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
B7	2014	Clean Water Fund	ReThink Disposable: Preventing Riparian Trash at the Source	This project is the continuation and expansion of a public-private partnership project involving Clean Water Fund (the project lead), and local government. The project (originally Taking out the Trash, but renamed ReThink Disposable), is currently a partnership with the cities of Oakland, San José, South San Francisco, San Francisco, the County of San Mateo, and Stop Waste of Alameda County.	\$82,133	\$122,626	Closed July 6, 2017	<ul style="list-style-type: none"> <li>• Successful coordination with the cities of San Jose, Cupertino and Sunnyvale.</li> <li>• 91 food businesses and 8 institutions in the County received outreach and promotional materials to participate in the free ReThink Disposable audit and technical assistance.</li> <li>• 8 presentations were delivered to various business associations and corporations in the county to promote the program to the target food business.</li> <li>• Coordinated with the Green Business Program on outreach and adoption of waste prevention best management practices for food businesses, not just diversion by way of compostable and recycling single use food service ware.</li> <li>• 12 food businesses and 1 institution successfully completed the ReThink Disposable audit yielded the following annual impact numbers:             <ul style="list-style-type: none"> <li>• 1,424,038 pieces of disposable foodware items eliminated.</li> <li>• 24,265 pounds of waste prevented.</li> <li>• \$5,963 average cost savings after payback period was met.</li> </ul> </li> <li>• Hosted 4 creek cleanups with 127 volunteers removing almost 4,000 pieces of trash and debris (mainly plastics) from “hot spots” on Calabazas and Coyote Creeks.</li> <li>• Hosted 1 ReThink Disposable Free Community Workshop and Training with almost 60 attendees from watershed and creek groups, teachers, and local government staff.</li> <li>• Developed a new public education tabling pop-up display including researching, developing and designing 2 new life cycle impacts info-graphics on Disposable Cups and Straws.</li> <li>• Engaged almost 30,000 residents in the County with the new ReThink Disposable Source Reduction Pledge.</li> <li>• San Jose’s Hauler, Republic, promoted ReThink Disposable in a feature article in their quarterly newsletter mailed to 30,000 accounts.</li> <li>• Won the 2015 Governor’s Award for Environmental and Economic Leadership and the 2016 California Resource Recovery Association’s Excellence in Waste Prevention Award.</li> <li>• Resulted in 2 new contracts with the City of Palo Alto and the Santa Clara Recycling and Waste Reduction Commission totaling \$230,000 over the next three years. This will fund 60-80 more ReThink Disposable certified food businesses and 3-5 institutions in the county.</li> </ul>

## Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
B7	2014	City of Sunnyvale	Schools Goin' Green	This project is a partnership between the cities of Sunnyvale and Cupertino, along with 2-3 middle schools and 2 high schools, through their service organizations or environmental clubs. The project will encourage students to clean up litter on and around their school campuses and neighborhoods and to implement student-led campaigns to change the littering behavior of fellow students.	\$32,250	\$47,448	Closed June 30, 2016	<ul style="list-style-type: none"> <li>6 schools participated, of which 5 schools also established ongoing campus Green Teams.</li> <li>3,421 youth participated in project events.</li> <li>98 cleanups over the course of the project.</li> <li>More than 4,189 pounds of litter collected.</li> <li>All teams participated in the City's Students Living Green App Challenge in April 2016.</li> <li>Youth designed a logo for Schools Goin' Green.</li> <li>The project was identified as an outstanding stormwater project by the California Stormwater Quality Association (CASQA).</li> </ul>
B7	2014	Save the Bay	Clean Bay Project	The project will build on the strong track record of supporting municipalities and community groups to eliminate significant components of plastic trash in storm water and reduce highly toxic tobacco litter in the San Francisco Bay to benefit water quality and public health.	\$60,000	\$241,243	Closed June 30, 2016	<ul style="list-style-type: none"> <li>More than 2,200 pounds of micro-trash debris removed from Coyote Creek, through community-based restoration and trash removal projects.</li> <li>Successfully advocated for the San Francisco Bay Regional Water Quality Board adopting a stronger Municipal Regional Stormwater Permit in November 2016. The permit now includes additional trash reduction milestones and monitoring requirements, such as 70% trash reduction by 2017; 80% by 2018.</li> <li>Analyzed data from the 2015 annual reports submitted by cities, counties, and districts holding stormwater permits and using the information to support Santa Clara cities accelerate their progress towards the goal of Zero Trash by 2022.</li> <li>Created a Monitoring and Education Tool for Plastic Bag Ban Ordinances (and recently added one for Styrofoam bans).</li> <li>Carried out "Zero Trash, Zero Excuse" public education campaign.</li> <li>Successfully advocated Sunnyvale adopting and strengthening its smoking ordinance.</li> </ul>
B7	2014	Environmental Volunteers	Education for Clean Water	The project will leverage the Environmental Volunteers' skilled and committed base of volunteer docents to deliver hands-on, Citizen Science based Water Resources education to school classrooms and the general public.	\$25,092	\$30,271	Closed June 30, 2015	<ul style="list-style-type: none"> <li>Conducted education activities in the Palo Alto Baylands Nature Preserve, utilizing the EcoCenter facility and the ecologically rich marshland surrounding it.</li> <li>Developed and produced site resource guide.</li> <li>35 volunteer docents trained in new curriculum.</li> <li>12 local elementary school classrooms (more than 300 students) participated in field study excursions.</li> <li>818 community members participated in clean water education program, including art show featuring thematic works by local school children; earth day event; Girls-in- Science forum; and drop in visitors at the EcoCenter.</li> <li>Citizen science data collection and data-sharing through Field Scope, a citizen science data sharing project.</li> <li>Youth Leadership Board developed a new website promoting wise water use.</li> </ul>
B7	2018	Girl Scouts of Northern CA	Green By Nature in Santa Clara County	The project will provide a successful, meaningful watershed educational experience for students attending Title 1 schools and living in under-resourced neighborhoods in Santa Clara County using the Don't Waste that Watershed series curriculum.	\$16,951	\$23,384	Closed May 5, 2021	<ul style="list-style-type: none"> <li>A total of 267 girl scouts participated across 7 school sites in Santa Clara County.</li> <li>Post-survey results indicated that 80% of participants plan to take actions to protect the environment and encourage others to do the same, demonstrating environmental stewardship.</li> <li>75% of participants can explain why pollution is harmful when it enters our waterways.</li> <li>80% of participants developed resourceful problem-solving skills, and are willing to seek challenges, and collaborate with others, and feel empowered to make a difference in the world.</li> </ul>

**Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3**

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
<b>B7</b>	2018	Save the Bay	Zero Trash Campaign	The project will evaluate annual trash reduction reports, educate and inform residents on the results of those reports, and provide particular feedback to two priority cities. The project will implement an effective outreach and communications strategy to increase and shape priority of Santa Clara County communities' understanding of storm water pollution threats and opportunities. The project will engage 4,000 adults, teens, and children in wetland habitat restoration and/or trash cleanup projects.	\$15,000	\$122,051	Closed November 30, 2020	<ul style="list-style-type: none"> <li>• Educated the community about non-municipal sources of pollution, emphasizing the importance of controlling trash generated on the highways, for meeting zero trash goals and protecting watersheds across the Bay.</li> <li>• Provided the City of San Jose with feedback and guidance to support their adoption of a citywide, cross-departmental urban greening program, which will integrate trash flow and water quality infrastructure concerns across multiple ongoing projects.</li> <li>• Hosted 1,123 student and adult volunteers at Adobe Creek Trail and the native plant nursery at the Palo Alto Baylands habitat restoration site and completed 3,186 total hours of environmental stewardship activities. The program was designed to increase awareness of the about the impact of toxic pollutants on local Santa Clara County watersheds.</li> <li>• Shared 4 blog posts on their website about trash prevention with a total of 1,622 page views.</li> </ul>
<b>B7</b>	2014	San Jose Parks Foundation	Trash Free Coyote Creek Education and Outreach Project	The project will reach out to neighborhood and civic groups, trail users and businesses to educate them about the potential for cleaning up and keeping the Coyote Creek clean through volunteer cleanups; and enlist their participation in creek cleanups and weekly creek inspections to create a Trash Free Coyote Creek.	\$42,199	\$59,339	Closed September 30, 2015	<ul style="list-style-type: none"> <li>• 150 people attend a day-long Coyote Creek Howl conference held at San José State University.</li> <li>• 9 informative brochures produced on topics such as birds, plants, geology of Coyote Creek.</li> <li>• 32 presentations to community organizations.</li> <li>• 1-2 email newsletters a month to about 1,000.</li> </ul>
<b>B7</b>	2014	Acterra	Acterra Lower Peninsula Healthy Creeks Project	The project will bring together the resources and talents of nonprofit organizations, academic institutions, municipalities, government agencies, and the general public to provide a variety of hands-on creek stewardship activities and watershed education events designed to attract participants of all ages.	\$68,600	\$179,910	Closed September 30, 2016	<ul style="list-style-type: none"> <li>• 4,225 participants (1,305 volunteers and 2,920 education participants).</li> <li>• 24 volunteer water quality monitoring events on Stevens, San Francisquito (and its tributaries), Matadero, Barron, and Adobe Creeks. 17 events on Permanente Creek.</li> <li>• High quality data for 23 water monitoring sites and 7 benthic macroinvertebrate sites.</li> <li>• 14.75 miles of riparian areas cleared of trash.</li> <li>• 18,180 pounds of trash collected.</li> <li>• 10 World Water Monitoring Challenge events.</li> <li>• 8 quarterly Watershed Forums.</li> <li>• 10 newsletters.</li> </ul>
<b>B7</b>	2018	Guadalupe River Park Conservancy	Guadalupe Watershed Education Campaign	The project will enhance awareness of the biodiversity nurtured by Guadalupe River through programs for K-12 students, the annual Water Festival for 5thgrade students, activation of a 180-gallon aquarium, and the creation of a mural underneath the Coleman Ave. bridge.	\$28,410	\$47,450	Completed December 2020	Closeout in progress
<b>B7</b>	2018	Breathe California of the Bay Area	Youth for a Cool Earth (Y4CE)	The project will empower youth to become environmental leaders and advocates to their peers, school, family, and community to do the same. The unique feature of the Y4CE program is that it is youth-determined and youth-directed. The project will target marginalized/low-income youth.	\$35,000	\$47,023	In progress	

**Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3**

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
B7	2018	Gilroy Compassion Center	South County Creeks Team	The project will be a partnership between Gilroy Compassion Center and Downtown Streets Team, local jurisdictions, and other organizations to provide year-round outreach to homeless individuals living at target hot spots along South County Creeks. The outreach teams will provide information, encouragement, and incentives for homeless individuals to keep toxic materials, garbage, and waste out of the waterways.	\$15,000	\$40,973	In progress	
B7	2018	City of Campbell	Los Gatos Creek Trail Interpretive Signage and Receptacle Expansion	The project will install ten environmental outreach stations along the Los Gatos Creek Trail, which parallels Los Gatos Creek and related percolation ponds. The stations, spaced along approximately 5.7 miles of the trail, would include educational interpretive signs with environmental stewardship messages related to trash and general health of riparian corridors.	\$33,731	\$80,563	In progress	
B7	2018	South Bay Clean Creeks Coalition	Friends of Coyote Creek Watershed North Coyote Creek Stewardship Project	The project will recruit volunteers for stream cleanups to address the ongoing trash loads in the riparian corridor and creek created by homeless encampments and storm run-off. The project will conduct monthly cleanups with the goal of restoring stretches to trash free levels.	\$35,000	\$46,655	In progress	
B7	2018	Grassroots Ecology	Stevens Creek Monitoring & Education Project	The project will engage the local community in stewardship and hands-on learning. The project will provide creek-based volunteer and educational opportunities for all ages. The project will engage 750 or more individuals and approximately 15 organizations including schools, colleges, nonprofits, and community groups.	\$34,459	\$69,900	Completed May 4, 2021	Close out in progress.
B7	2018	South Bay Clean Creeks Coalition (Partnership)	Guadalupe River/ Coyote Creek Watershed Community Engagement Project	The project will conduct volunteer cleanups and educational stewardship opportunities around the Guadalupe River/Coyote Creek Watershed.	\$199,353	\$199,353	In progress	
B7	2019	Gilroy Compassion Center	South County Creeks Team	The project will engage local homeless individuals to go out to encampments along the creek areas of Gilroy providing services such as: outreach, education, and disposal of garbage. The project aims to reduce contaminants that are entering Santa Clara County waterways and groundwater that poses an environmental threat to communities. Creek Team members will visit different hot spots in Gilroy identified by Valley Water to clean garbage and debris from creek beds. Homeless individuals will receive case management services and will be entered into the Homeless Management Information System (HMIS) and they will be given a VISPADT survey where they will be prioritized for permanent supportive housing.	\$30,000	\$38,590	In progress	

**Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3**

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
B7	2019	Grassroots Ecology	Young Watershed Stewards Project	The project will engage the local community in stewardship and hands-on learning that benefits the Stevens Creek, San Francisquito, and Matadero Creek watersheds within Santa Clara County. The project will update and expand on Grassroots Ecology's high school stewards' programs based at Arastradero Preserve and McClellan Ranch Preserve to include watershed stewardship topics and add a community outreach component. High school stewards will engage with their local creeks through activities such as water quality testing, riparian planting, trash removal, and education on pollution entering these waterways. These stewards will take what they've learned into the broader community through a project at their school, presentations at community events, or other outreach.	\$44,301	\$167,781	In progress	
B7	2019	The Tech Museum of Innovation	Down the Drain	The project will provide Down the Drain Science Labs to Title I field trip groups during the 2019-2020 and 2020-2021 school year. The project will focus on offering resources to educators and modeling facilitation of watershed lessons. The project will also include remediation to align educator resources to the water-related exhibits in the Tech Museum's new Solve for Earth exhibition.	\$21,811	\$29,121	In progress	
B7	2021	Bay Area Older Adults	Watershed Waste Reduction Program	The project will reduce pharmaceutical waste in Santa Clara County's waterways and groundwater. The project will educate and outreach to a multi-cultural group of 6,600 low-income, homebound, and disabled adults age 60 and above, as well as tens of thousands of disadvantaged Santa Clara County residents of all ages. The project will teach participants about proper medicine disposal, including mail-back collection services, to help protect the quality of water and aquatic and riparian ecosystems around them. Participants will also learn the importance of preventing medication errors, a leading cause of death, hospitalization, and disability among older adults.	\$40,985	\$137,769	Agreement execution in progress	
B7	2021	Grassroots Ecology	Coyote/Stevens Creek Watershed Community Engagement Project	The project will be a partnership between Grassroots Ecology and Keep Coyote Creek Beautiful to provide opportunities for watershed education and stewardship along the Coyote Creek and Stevens Creek watersheds. The project will help an estimated 750 - 850 community members connect with their watershed by learning about creek ecosystems through hands-on clean-up efforts and virtual lessons and lab investigations.	\$49,980	\$101,026	Agreement execution in progress	

**Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3**

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
B7	2021	IISME, DBA Ignited	Santa Clara Water Weeks	The project will consist of two separate externship weeks, called "Water Weeks," occurring over consecutive summers. The project will include a virtual Water Week with Valley Water for 33 Santa Clara County teachers. The project will leverage matching funds from the Jewish Vocational Service (JVS), which covers the second half of the project—a Water Week for 10 additional Santa Clara teachers with the City of Gilroy Public Works, City of San José Environmental Services, and City of Sunnyvale Environmental Services. Both weeks will also include representatives from Gavilan Community College's Water Resources Management degree program, as an example of a potential next step for the teachers to promote to their high school students as a potential career pathway. In partnership with BAYWORK, a consortium of Bay Area water and wastewater utilities, the Water Weeks program helps bolster the workforce needed to serve customers and protect the environment.	\$47,593	\$66,057.92	Agreement execution in progress	
B7	2021	Silicon Valley Bicycle Coalition	Wheels and Waterways	The project will expand on the previous Wheels and Waterways Project series and hold a community bike ride that engages participants to learn about their role in environmental conservation. The project will include educational stops, clean ups, and expert speakers. The project will make a concerted effort to recruit new and beginner-level riders in an effort to encourage bike riding as a sustainable form of transportation.	\$50,000	\$81,213.96	Agreement execution in progress	
<b>Total</b>					\$1,066,964	\$2,055,948		



## Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3	2014	Acterra	McClellan Ranch Preserve Meadow Enhancement Project	The project will be collaborative and volunteer-based to remove invasive plants and establish an "island" of native plants within a riparian meadow adjacent to Stevens Creek.	\$164,200	\$426,452	Closed June 30, 2017	<ul style="list-style-type: none"> <li>3 years of vegetation survey data showing a decrease in invasive plant population, including Italian thistle.</li> <li>Close to 12,000 native plants installed covering more than 1 acre of the meadow.</li> <li>Increased habitat value and diversity as result of planting more than 30 different types of native plants. This has led to increased native wildlife (more native insects, birds, and pollinators have been seen).</li> <li>More than 3,500 community members engaged through 352 volunteer events; contributing 7,427 volunteer hours.</li> </ul>
D3	2014	Santa Clara County Open Space Authority	Coyote Valley Open Preserve South Valley Meadow Restoration Project	The project will restore the hydrologic function and habitat value to an 8.5 acre seasonal wet meadow and riparian complex by restoring more than 800 yards of altered drainages, reseeding approximately 4.5 acres with a climate-smart native plant palette, and providing an extension of connected lowland California Tiger Salamander habitat into Coyote Valley.	\$256,276	\$579,386	Closed June 30, 2017	<ul style="list-style-type: none"> <li>8.5-acre seasonal wet meadow and riparian complex recontoured and planted with perennial grasses and native plant species.</li> <li>0.1-acre pond created on-site.</li> <li>900 feet of incised channel raised and widened.</li> <li>7 granite rock weir grade control structures placed.</li> <li>1 loose rock head cut repair structure placed.</li> <li>Roughly 20% of 50-acre watershed drainage reconnected to wet meadow valley floor.</li> </ul>
D3	2014	Acterra	Foothills Park Riparian Enhancement Project	The project will monitor, restore and enrich wildlife habitat along the Park's four miles of riparian corridors in the upper San Francisquito watershed, including Los Trancos Creek and Buckeye Creek.	\$126,300	\$293,753	Closed June 30, 2017	<ul style="list-style-type: none"> <li>More than 1,300 community members engaged through 94 volunteer events; contributing 4,380 volunteer hours.</li> <li>4 miles of creek monitored during 21 sediment monitoring days.</li> <li>4 miles of creekside vegetation surveyed for pre- and post-project comparison.</li> <li>2,755 linear feet of invasives removed.</li> <li>1,025 native plants installed.</li> <li>More than 24 native species planted.</li> <li>200 willow cuttings installed.</li> <li>Increased native plant species richness along Los Trancos and Buckeye Creeks.</li> <li>Decreased invasive plant populations including target noxious weeds.</li> </ul>
D3	2014	West Valley College	Vasona Creek at West Valley College: Stream Stabilization and Habitat Enhancement Phase 2	The project will restore 400 linear feet of Vasona Creek within West Valley College Campus in order to eliminate gully erosion, protect heritage trees, and restore hydrology.	\$300,000	\$421,732	Closed November 15, 2016	<ul style="list-style-type: none"> <li>740 linear feet of severely eroded and deeply cut channel reconstructed.</li> <li>0.2 acres of native riparian vegetation seeded and planted.</li> <li>432 native plants installed, including 85 willows alongside channel.</li> <li>36 Dusky Footed Woodrat nests protected in construction area, 15 nests relocated.</li> <li>10-year Monitoring, Maintenance and Reporting Plan.</li> <li>Created an active college administration/ faculty "Stream Team" integrating project into curriculum.</li> <li>Created a natural outdoor "classroom" and living laboratory in newly restored creek corridor.</li> <li>Raised student and public awareness of environmental issues and restoration.</li> <li>Extensive public engagement with community workshops, and volunteer efforts.</li> </ul>
D3	2014	Resource Conservation District of Santa Cruz County	Uvas Creek Steelhead Spawning Habitat	The project will improve in-stream habitat in multiple locations along a 3.7 mile reach 1 below Uvas Dam.	\$446,755	\$592,905	Closed November 30, 2017	<ul style="list-style-type: none"> <li>Removed and disposed of approximately 175 acacia trees (a non-native, evergreen species which create creek habitat limitations) on 2 project sites. The project sites were continually monitored to assess acacia regrowth and the need for active revegetation.</li> <li>About 1,800 linear feet of riparian habitat was restored.</li> <li>Conducted 3 educational outreach to provide educational information for landowners, demonstrate riparian restoration efforts, and garner local support for continued efforts on Uvas Creek.</li> </ul>

## Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3	2015	Trout Unlimited (Partnership)	Lower Uvas-Carnadero Creek Agricultural Wet Fort Alternative Design	The partnership will result in the design of a free span bridge and the abandonment of the existing bridge. This would eliminate the fish migration barrier and improve water quality and riparian conditions. Valley Water's contribution will provide a matching fund for a state grant application.	\$24,450	\$107,115	Closed May 31, 2018	<ul style="list-style-type: none"> <li>Completed 100% design (civil, geotechnical, structural) of a free span bridge across Carnadero Creek which, when constructed, will allow for the abandonment of an existing agricultural "wet ford" and the abandonment of several hundred feet of existing dirt farm roads and accompanying access easement along the riparian corridor on lands owned by Valley Water. The bridge has the potential to provide improved habitat and migration conditions for threatened Steelhead Trout.</li> </ul>
D3	2015	San Francisco Bay Bird Observatory (Partnership)	Active Vegetation Management at Levees around South Bay Salt Pond	The partnership will create transitional and upland habitats and provide the habitat structure needed by several federally listed species and state Species of Special Concern. Creating native plant communities on a 15-acre site will require two years of preparation and four years of phased implementation, maintenance, and monitoring. The project will restore wildlife habitat; strengthen the South Bay Salt Ponds Restoration Partnership and revitalize wetland habitat. The work will also build upon the strong existing partnership between Valley Water and the U.S. Fish and Wildlife Service to improve habitat on salt pond levees.	\$690,000	\$1,327,106	In progress	
D3	2015	County of Santa Clara	Calero County Park Oak Cove & North Shore Trails	The project will construct approximately five miles of natural-surface multi-use trails adjacent to Calero Reservoir.	\$125,980	\$212,738	Closed July 2020	<ul style="list-style-type: none"> <li>The Oak Cove Trail officially opened in April 2020.</li> <li>Constructed a natural surface and single-track trail approximately 5 miles in Calero County Park located in Santa Clara, California.</li> <li>Constructed one culvert, one free-span bridge, 22 rock fords and 24 drainage crossings.</li> </ul>
D3	2015	Santa Clara County Open Space Authority	Outdoor Learning Center and Creek Side Valley Loop Trail	The project will construct an Outdoor Learning Center within the 348-acre Coyote Valley Open Space Reserve, to serve as an outdoor classroom, a meeting location for educational and interpretive programs. This project will also incorporate 0.6 miles of ADA accessible trail.	\$200,000	\$541,780	In progress	
D3	2015	West Valley College	Vasona Creek Trail	The project will provide 0.33 miles of new ADA accessible trails within the West Valley College Campus.	\$171,000	\$465,725	In progress	
D3	2016	Santa Clara Valley Chapter of the California Native Plant Society	Plant Pathogen Training and Education at CNPS Nursery	The project will develop instructional/training videos to educate nursery professionals in pathogen control Best management practices (BMPs); promote safe use of California native plants through outreach and education events hosted by the California Native Plant Society (CNPS) throughout Santa Clara Valley Watersheds, and provide demonstration and training sites at CNPS Nursery in Hidden Villa, Los Altos Hills, to implement plant pathogen control BMPs onsite, to share successes and lessons with other nurseries, and train volunteers and the larger community in pathogen control best practices.	\$50,574	N/A	Cancelled	

## Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3	2016	San Francisco Bay Bird Observatory	Establishing Forster's Tern Nesting Colonies for the South Bay Salt Pond Restoration Project Using Innovative Technologies	The project will deploy and maintain 300 decoys and six electronic call systems during the 2017 and 2018 breeding seasons (March-August) to attract birds to nest. Findings will be shared with the Don Edwards San Francisco Bay National Wildlife Refuge and the South Bay Salt Pond (Sbsp) Restoration Project's outreach program; through the project website, newsletter, and presentations at stakeholder meetings. Using innovative technologies, this project aims to re-establish a healthy nesting population of at-risk Forster's terns in Alviso Pond A16 on the Don Edwards San Francisco Bay National Wildlife Refuge. Benefits of this project include attraction of 50 or more Forster's tern breeding pairs to Alviso Pond A16 and establishment of nesting colonies with nest success rates of 60% or more.	\$217,032	\$294,074	Closed April 30, 2018	<ul style="list-style-type: none"> <li>Deployed 300 Forster's tern decoys and 6 electronic call systems on 6 islands in Pond A16 during the 2017 breeding season.</li> <li>Conducted bird surveys between March and August 2017 to evaluate bird response and the results of the project suggest that implementation of decoys and electronic call systems was successful in attracting Forster's terns in Alviso Pond A16.</li> <li>197% increase in the number of Forster's terns in the pond in May 2017 compared to similar results recorded in May of 2016.</li> <li>More Forster's terns were observed around islands with decoys and electronic call systems compared to islands without them, an approximately 6:1 ratio.</li> <li>8 educational outreach activities were completed: a project website, 1 educational video, 3 public presentations, 1 publication of popular article, 2 visits with local elementary school students.</li> </ul>
D3	2016	Save The Bay	Palo Alto Baylands Tidal Lagoon Transition Zone Habitat Restoration Project	The project will restore and enhance 1.25 acres of high value tidal marsh transition zone habitat at this site immediately adjacent to existing tidal salt marsh in the Palo Alto Baylands Nature Preserve. It will create or improve crucial habitat that provides connectivity and refugia for waterfowl, shorebirds, and other species such as the federally-endangered Ridgway's Rail and salt marsh harvest mouse. The project is ready to implement and will increase the adaptive capacity and resilience of tidal marsh species by enhancing the plant community and wildlife habitat both now and in light of future predicted sea level rise scenarios.	\$95,868	\$235,335	Closed December 14, 2020	<ul style="list-style-type: none"> <li>Restored and enhanced approximately 1.25 acres of tidal marsh transition zone native coverage to help provide habitat and food source for sensitive wildlife species, including native birds, small mammals, and federally endangered species.</li> <li>Collected site-specific seeds, propagated, and planted over 8,000 native wetland plants from Save The Bay's native plant nurseries.</li> <li>Increased structural integrity and complexity to the transition zone and connectivity to the adjacent marsh by installing a suitable assemblage of plants that also contribute to the native seedbank.</li> <li>Involved approximately 1,000 volunteers, including local students and community members.</li> <li>Educated community groups, local businesses, and schools about the importance of critical wetland habitat for fish and bird species and engage them in habitat restoration and monitoring.</li> </ul>
D3	2016	Friends of Stevens Creek Trail	Stevens Creek Steelhead Passage Improvement Project	The project will conduct a Phase 1 study plan to analyze alternatives and identify a preferred alternative for improving fish passage; and develop alternatives and identify a preferred alternative to improve fish migration at project sites.	\$52,162	\$75,332	Closed December 7, 2017	<ul style="list-style-type: none"> <li>Identified potential engineering solutions to 8 fish passage impediments.</li> <li>Provided hydraulic analysis, conceptual drawings, and estimated costs for projects at the selected locations.</li> <li>Conducted 2 workshops to present the purpose of the study and the proposed solutions with stakeholders and community members.</li> </ul>
D3	2016	Working Partnerships	Coyote Creek Invasive Plant Removal and Revegetation	The project will prepare a plan to remove invasive plants from the Coyote Creek Watershed and re-vegetate areas of the creek with native plants. The project will hire homeless individuals or formerly homeless individuals in transition housing to do the work.	\$24,750	\$33,000	Closed February 20, 2018	<ul style="list-style-type: none"> <li>Identified and completed mapping of invasive plant species in 6 acres of private land along Coyote Creek.</li> <li>Secured the California Conservation Corps as the employer of record to manage recruitment, selection, and social support for a crew of 10 formerly homeless or disadvantaged youth.</li> <li>Developed a training and volunteer program, project cost estimate, and schedule to complete the work over a 5-year period.</li> <li>Performed a biological assessment on the potential impacts of the project.</li> </ul>

## Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3	2016	Children's Discovery Museum of San José	Bill's Backyard: Bridge to Nature	The project will develop a 27,500 square foot outdoor space named Bill's Backyard: Bridge to Nature. It will feature a tree structure to climb up, a hillside to roll down with tunnels to crawl through, a dig pit to shovel in, a dry creek bed to explore that mimics the adjacent Guadalupe River, and areas to build with natural materials like willows, reeds and grasses. Families will also have the chance to see demonstration projects and sustainability solutions up-close, providing xeriscape ideas to consider for use in their own backyards, such as permeable hardscape, drought-tolerant and native plants, rain gardens to retain surface water, water collection systems and solar panels. The project will fund the work for eliminating all grass and plant native plants for increased bio-diversity in the riparian environment and attract beneficial insects, migratory birds, small mammals and even Monarch butterflies.	\$142,771	\$404,240	Closed January 25, 2021	<ul style="list-style-type: none"> <li>Enhanced or restored 0.5 acres/linear feet of area.</li> <li>Converted 0.5 acres of grass to drought tolerant plants resulting in water savings.</li> <li>Planted more than 100 native plants, trees, shrubs, grasses and ground covers.</li> </ul>
D3	2016	Acterra (transferred to Grassroots Ecology)	Arastradero Creek Watershed Enhancement	The project will install 2,000 linear feet of swale-and-berm structures on contour in the basin feeding Arastradero Creek, and low step structures to raise the groundwater table; and remove invasive plant species along 1,000 linear feet of Arastradero Creek and plant a diversity of native species in their place to increase native vegetation and support wildlife.	\$107,561	\$217,566	Closed July 21, 2020	<ul style="list-style-type: none"> <li>1,200+ community members engaged through 101 volunteer events.</li> <li>2,500 feet of berms and swales created along the contour of a large drainage to slow, spread, and sink stormwater runoff.</li> <li>50 young willow trees established along Arastradero Creek.</li> <li>Decreased invasive plant populations including 4 priority noxious weed species.</li> <li>Enhanced riparian corridor with thousands of newly installed native plants.</li> <li>Monitored project activities through vegetation surveys, photo-monitoring, and in-channel geometric surveys.</li> </ul>
D3	2016	West Valley College	West Valley College Wildcat Creek Native Vegetation Enhancement	The project will remove approximately two acres of invasive, non-native vegetation within the WVC campus and re-vegetate the area with native species, propagated from a collection of native vegetation planted on campus during past native re-vegetation efforts on campus.	\$165,000	\$247,707	Closed July 22, 2020	<ul style="list-style-type: none"> <li>500 riparian plantings were installed in fall 2017, and received supplemental irrigation, weeding, maintenance, and monitoring through 2018.</li> <li>Areas where invasive plant species were removed in 2017 were re-checked and re-treated as needed. Engagement of college administration/faculty to integrate this project into their curriculum.</li> <li>72 polygons of invasive plants (approximately 4 acres) were checked in spring and fall 2018 for newly emerging/re-sprouting invasive plants.</li> <li>Creation of a natural outdoor "classroom" and living laboratory in newly restored creek corridor.</li> <li>In Spring 2019, a walkthrough of the creek corridor was conducted to locate and map occurrences of invasive species.</li> <li>Facilitated collaboration and over whelming support from City of Saratoga, neighborhood groups, and volunteers from local community groups and West Valley College students.</li> </ul>

**Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3**

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3	2016	Acterra (transferred to Grassroots Ecology)	Byrne Preserve Riparian Enhancement	The project will restore a degraded tributary to Moody Creek located in Byrne Preserve. The project includes community engagement and education, monitoring of vegetation and channel geometry, invasive plant removal, and native plant re-vegetation.	\$136,469	\$240,056	Closed July 24, 2020	<ul style="list-style-type: none"> <li>• 800 community members engaged through native plant installation and invasive species removal.</li> <li>• 2,000 feet of creek geometry monitored.</li> <li>• 2,000 feet of creek-side vegetation surveyed.</li> <li>• 12 photo-monitoring surveys to monitor project activities.</li> <li>• 8 noxious invasive plant species prioritized for removal resulting in reduced populations.</li> <li>• Over 1,000 locally sourced native plants spanning 20+ species installed enhancing riparian corridor.</li> <li>• Willow cuttings established along 600 feet resulting in increased canopy cover, sediment deposition, and reduced erosion.</li> </ul>
D3	2016	Campus Community Association	Metcalf Ponds Parkway Lakes Steelhead Habitat and Passage Improvement Project	The project will conduct a planning study to evaluate alternatives to improve steelhead trout habitat and passage in the Metcalf Ponds reaches of Coyote Creek by separating the creek from the ponds, revegetating the restored creek with native riparian vegetation, and configuring the channel to optimize its habitat value while preserving the ponds' water management functions of Valley Water.	\$31,684	\$42,278	Closed July 26, 2018	The final results of the project found that it should be feasible to develop a beneficial restoration design for Coyote Creek and floodplain through the Metcalf Ponds reach, which would allow fish passage, improve ecological and geomorphic function, and contribute to reducing water temperatures, while maintaining the dominant portion of the current percolation capacity.
D3	2016	City of Santa Clara	Ulistac Restoration 2016 Project	The project will improve the Ulistac Natural Area by improving trails and ramp access to the levee, restoring 1.2 acres of riparian habitat along the Guadalupe River and enhancing 1.26 acres of Live Oak Woodland habitat through removal of invasive nonnative plants and trees, planting of native species, and documentation of tree survival. The project is in cooperation with Ulistac Natural Area Restoration & Education Project, Inc. and in partnership with Santa Clara University Department of Environmental Studies and Sciences and Santa Clara Audubon Society.	\$165,249	\$374,533	Closed April 21, 2021	<ul style="list-style-type: none"> <li>• Access Improvement – Repaired 280 linear feet of pavement and concrete landings were installed at the base of two levee access ramps.</li> <li>• Trail Connectivity – 370 linear feet of walking trails were connected and improved to prevent erosion. Interpretive sign panels were placed along the walking trails to enhance visitor education.</li> <li>• Riparian Habitat Restoration – Planted 300 native riparian trees and 600 shrubs.</li> <li>• Habitat Enhancement – 55,000 square feet of understory planting was enhanced, including removing exotic trees and non-native plants and planting 230 native plants.</li> <li>• Monitoring and Maintenance – A plant database and GIS map were created for 623 of the new plants.</li> <li>• Community Outreach and Education – Engaged in educational opportunities for San Jose State University, Santa Clara University, various day camps and elementary schools.</li> <li>• Partnerships – Exceeded the matching grant requirement of 6,450 volunteer hours with 11,190 volunteer hours.</li> </ul>
D3	2016	Loma Prieta Resource Conservation District	Sycamore Alluvial Woodland Restoration Phase II— Feasibility	The project includes a propagation study designed to test techniques to produce California sycamore seedlings vegetatively for use in a pilot restoration project. Study results will be shared through a high-quality PowerPoint presentation and distributed to all interested parties in the broader restoration and nursery community.	\$79,953	\$127,705	Completed December 31, 2019	Grantee will submit closeout material in FY22.

**Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3**

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3	2016	City of Mountain View	Permanente Creek Watershed Enhancement Project	The project will involve the removal of trash and non-native invasive plants along 2,350 linear feet of Permanente Creek. 1,000 local watershed plants will be revegetated along the creek providing habitat enhancement for multiple riparian species, special emphasis will be placed on enhancing habitat for two special status species: burrowing owls (foraging habitat) and the San Francisco common yellowthroat (nesting and foraging habitat). The project will provide a unique educational opportunity for the local community, businesses and several educational establishments who will volunteer on this project along with Santa Clara Valley Audubon Society and Acterra.	\$43,920	\$64,582	Completed December 31, 2019	Grantee will submit closeout material in FY22.
D3	2016	Midpeninsula Regional Open Space District	Hendrys Creek Restoration Project	The project will enhance 3/4 miles of the watershed through removing 14 in-stream structures; invasive plants from 4.44 acres of canyon; and by installing 0.33 acres of watershed specific, contract grown riparian and upland plants along the impacted creek banks and former road; and seeding 1.5 acres with native grasses, acorns and buckeye seeds on the former building pads, and improving the road located along the creek and tributaries.	\$484,650	\$762,546	In progress	
D3	2016	City of San José	Evergreen Creek Corridor Restoration	The project will correct the poor placement of outlets in the sedimentation basin above the project sites and restore vegetation. The project will focus on removing 6.2 acres of non-native landscape; establishing irrigation and planting native plants along Quimby Creek and Upper Fowler Creek.	\$191,041	\$502,039	Cancelled	
D3	2018	San Francisco Bay Bird Observatory	Establishing Forster's Tern Nesting Sites Project	The project will use innovative technologies to establish a healthy nesting population of at-risk Forster's Terns in Alviso Pond A16 for the South Bay Salt Pond (SBSP) Restoration Project and Don Edwards San Francisco Bay National Wildlife Refuge. The project will directly impact two acres of island nesting habitat and 240 acres of wetland habitat within Alviso Pond A16, and indirectly impact up to 14,000 acres surrounding the Alviso Pond A16 nesting site through bird foraging behaviors.	\$164,000	\$218,674	Closed September 4, 2020	<ul style="list-style-type: none"> <li>• Re-establishment of nesting Forster's terns to Pond A16 with a nest success rate of 60% and 35 nests documented in 2019.</li> <li>• Direct support of two acres of island nesting habitat and 240 acres of wetland habitat within Alviso Pond A16.</li> <li>• In early 2020, SFBBO hosted a public webinar about the Project with 136 attendees.</li> <li>• SFBBO staff presented Project findings at the South Bay Salt Pond Restoration Project's annual stakeholder meeting on January 14, 2020.</li> </ul>

**Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3**

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3	2018	Midpeninsula Regional Open Space District	Webb Creek Bridge	The project will construct a new bridge over Webb Creek in Bear Creek Redwoods Open Space Preserve as part of a multi-phased plan to open the preserve for public access. The bridge will open approximately four miles of trails and facilitate a future regional multi-use trail connection between the Lexington Basin and Skyline, as well as ensure emergency service access is possible throughout the preserve.	\$149,500	\$316,650	Closed June 28, 2021	<ul style="list-style-type: none"> <li>Constructed a new bridge over Webb Creek that allows public access to four miles of trails and ensures emergency service access throughout the preserve.</li> <li>Removed the bridge in one piece to ensure environmental safety.</li> <li>Installed custom redwood guardrails.</li> <li>Widened the road to match the width of the abutment wing walls.</li> <li>Graded and restored the site, which included planting redwood trees and placing redwood mulch around the construction site.</li> </ul>
D3	2018	Grassroots Ecology	Adobe Creek Corridor Extension Project	The project will be a partnership between Grassroots Ecology and the City of Los Altos to restore native vegetation along an approximately 500-foot reach of Adobe Creek extending from the southern gate of Redwood Grove Nature Preserve to Mansara Way. The project will include removal of invasive plant species, installation of native understory species with container plantings, maintenance of invasive plant removal and planting zones for four years, and community outreach and education.	\$150,753	\$236,777.50	In progress	
D3	2018	Grassroots Ecology	Matadero Creek Corridor Project	The project will be a partnership between Grassroots Ecology and the City of Palo Alto to restore native vegetation along a reach of Matadero Creek forming the northeastern boarder of Bol Park. The grant will support a more intensive effort to increase the habitat quality on this creek corridor.	\$49,356	\$83,918	In progress	
D3	2019	San Jose Conservation Corps	Coyote Creek Vegetative Restoration and Disadvantaged Youth Career Path Project	The project will remove 111,000 sq. feet of invasive plants and replace them with native plants on seven acres of private property along Coyote Creek north of Berryessa Road in San José. The project will restore a native plant assemblage on this section of Coyote Creek and have watershed scale benefits by preventing reinfestation by invasive species of downstream properties for which invasive plant removal has recently been effected by Valley Water.	\$389,024	\$533,115	In progress	
D3	2018	South Bay Clean Creeks Coalition	Los Gatos Creek Trestle Area Restoration Project	The project will be implemented on a reach of Los Gatos Creek centered on the historic trestle accessible from Lonus Street in the City of San José to restore riparian habitat through the removal of invasive plants and the installation of native vegetation.	\$229,923	\$462,323	In progress	

## Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3	2018	Santa Clara Valley Habitat Agency	Pacheco Creek Stream and Riparian Restoration Project	The project will involve restoration of riparian and protected species habitat in the Pacheco Creek Reserve. The project will focus on five specific restoration activities; bank stabilization; riparian restoration to filter runoff and control erosion; riparian planting and management; floodplain function restoration and instream structures; as well as management and monitoring. The project will also include preliminary project planning, design and permitting, as well as mapping and wildlife surveys.	\$500,000	\$1,774,400	In progress	
D3 Mini-Grant	2018	Guadalupe River Park Conservancy	Next Generation Science Standards Curriculum Development and Training	The project will update curriculum to support Next Generation Science Standards that will help emphasize the importance of healthy watershed and support the training of guides to lead field trips for approximately 2,000 K-8 students.	\$4,976	\$6,634	Closed April 15, 2021	<ul style="list-style-type: none"> <li>Prepared and delivered training for Guadalupe Guides (part-time field trip staff) to serve 1,928 students.</li> <li>3,405 students participated in 2 field trip programs with BEETLES activities, which were supported through trained field staff.</li> <li>Aligned river field trip, homeschooling, Boys &amp; Girls curricula and learning stations with NGSS standards that emphasize the importance of a healthy watershed.</li> </ul>
D3 Mini-Grant	2018	Living Classroom	Development and Implementation of "Sustainable Soil and Water" Lesson	The project will engage 5th graders in "Sustainable Soil and Water" lessons that will allow them to learn about the local watershed and how they can play a role in protecting the water quality and conserving the quantity.	\$5,000	\$7,000	Closed April 2019	<ul style="list-style-type: none"> <li>Served a total of 125 fifth grade students.</li> <li>90% of students surveyed gave the new curriculum a passing or satisfactory response to questions that evaluated their understanding of the lesson objectives.</li> <li>100% of the teachers strongly agreed that the lesson met their expectations, objectives, included all necessary materials, and that the lesson delivery was effective and done well in engaging students.</li> </ul>
D3 Mini-Grant	2018	Oster Elementary Home & School Club	Oster Elementary School Gardens	The project will increase students' knowledge and awareness of watershed stewardship through the renovation and implementation of a native garden as a living outdoor classroom.	\$5,000	\$6,250	Closed April 2019	<ul style="list-style-type: none"> <li>Volunteers installed drip line irrigation in raised beds and controller setup.</li> <li>Conducted a total of 3 volunteer workdays, which included a total of 44 total volunteers made up of students and parents.</li> <li>Garden visits for the 2018-19 school year surpassed garden visits from past years.</li> </ul>
D3	2018	City of Morgan Hill	West Little Llagas Creek Interpretive Wildlife Trail Project	The project will construct a two-mile trail that will extend from Watsonville Road south and around the southeastern end of Lake Silveira near Monterey Road and California Avenue. The project will also connect to the existing trail system that runs north, thus creating a continuous, uninterrupted pedestrian and bicycle pathway from the Lake Silveira Park area to Morgan Hill's downtown core. Trail users will have access to a unique interpretive experience of local wildlife and wetlands.	\$200,000	\$998,800	In progress	
D3	2018	West Valley College	West Valley College Vasona Creek Trail Phase 2	The project will complete the design and construction of Phase 2 of the Vasona Creek Trail providing access to more than 20 acres of recently restored riparian corridor on the West Valley College campus.	\$221,500	\$655,214	In progress	



## Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3 Mini-Grant	2018	Grassroots Ecology	Grassroots Ecology College Internship Program	The project will educate and train college students to restore open spaces and creeks through a combination of field work, interpretive hikes, independent study, and capstone projects. The interns will work on restoration projects throughout the county watersheds and also learn about fish passage issues.	\$5,000	\$34,360	Closed August 30, 2018	<p>The 8 interns taking part in the program achieved the following results:</p> <ul style="list-style-type: none"> <li>• 150 total learning hours.</li> <li>• 50 hours of invasive plant removal and native plant care</li> <li>• 8 hours of channel surveying.</li> <li>• 5 hours of vegetation monitoring.</li> <li>• 3 hours of water quality monitoring</li> <li>• Enhancement of 7 Santa Clara County open space sites.</li> </ul>
D3 Mini-Grant	2018	Bay Area Older Adults	Watersheds & Wildlife Education Project	The project will engage older adults (50 yrs+) in watershed stewardship by: <ol style="list-style-type: none"> <li>1. Volunteering to remove invasive plants in the areas of Don Edwards Wildlife Refuge to improve the habitat in the marshlands.</li> <li>2. Lead 4.5 mile walks at Rancho San Antonio Open Space Preserve to educate and engage participants about flood protection.</li> <li>3. Lead 3-mile walk along Uvas Creek to educate participants about wildlife preservation in the creek and reservoirs.</li> </ol>	\$5,000	\$6,650	Closed December 11, 2018	<ul style="list-style-type: none"> <li>• Majority of the 77 participants rated the program as “Extremely Satisfied” or “Very Satisfied.”</li> <li>• 97% of the participants said their knowledge about the watershed and/or wildlife project was improved by the program.</li> <li>• 100% of those surveyed answered the educational multiple-choice watershed and wildlife question correctly.</li> </ul>
D3 Mini-Grant	2018	Stanford Conservation Program	Matadero Creek Cape Ivy Removal	The project will remove cape ivy that was introduced to California in the 1950s and have since displaced native plants in the area. If it isn't removed it can cause serious soil erosion problems on the hillside. Grassroots Ecology will be supporting the efforts.	\$5,000	\$10,400	Closed February 23, 2021	<ul style="list-style-type: none"> <li>• Removal of over 5,000 sq. ft. covered in cape ivy along San Francisquito Creek.</li> <li>• 4 botanical surveys to monitor plant communities and assess re-growth of cape ivy.</li> <li>• Both the Stanford Conservation Program and Grassroots Ecology described their cape ivy removal efforts in an e-newsletter that reaches over 4,000 community members.</li> </ul>
D3 Mini-Grant	2018	Stanford Conservation Program	Riparian Tree Planting to Expand Canopy Cover in Stream Supporting CA Red-legged Frog	The project will enhance creek and bay ecosystems by planting and maintaining 25 native trees in the easement. The project will also evaluate the presence of California red-legged frog populations.	\$5,000	\$12,375	Closed February 23, 2021	<ul style="list-style-type: none"> <li>• 100% survivorship of planted trees.</li> <li>• Over 10 volunteer events hosted from May 2018 through May 2020.</li> <li>• During volunteer work events, trees were watered, weeded, and protective structures (tubex, rebar, wire mesh) were maintained.</li> </ul>
D3 Mini-Grant	2018	Stanford Conservation Program	Restoring Native Understory Plant Community in support of biodiversity, improved water quality, and California tiger salamanders	The project will plant 100 understory riparian plants to support the California tiger salamander on Stanford land.	\$5,000	\$13,000	Closed February 23, 2021	<ul style="list-style-type: none"> <li>• Approximately 250 volunteers participated.</li> <li>• 100 understory shrubs watered and tended by volunteers.</li> <li>• Hosted approximately 10 volunteer events from May 2018-2020, which included an environmental education component.</li> <li>• Monitored water quality and quantity in ephemeral wetlands downslope of the project site on 10 occasions from May 2018-2020.</li> <li>• Monitored California tiger salamander eggs, larvae, juveniles, and adults; 345 unique California tiger salamander juveniles and adults were identified from May 2018-2020.</li> <li>• Created an educational opportunity for community members focused on native plant restoration.</li> </ul>
D3 Mini-Grant	2018	Stanford Conservation Program	Native Hedgerow Planting as Fencing Alternative and Restoration Product in Permanent Conservation Easement	The project will plant and maintain 382 native shrubs in a hedgerow that will help restore the Deer Creek conservation easement which has been damaged by human impact over the years.	\$5,000	\$24,870	Closed February 9, 2021	<ul style="list-style-type: none"> <li>• Over 450 volunteers participated in planting and maintaining the native hedgerows.</li> <li>• Approximately 382 native shrubs in a hedgerow were established and nurtured.</li> </ul>

## Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3 Mini-Grant	2018	Veggielution	Eastside Explorers Watershed Curriculum	The project will take youth from East Side San Jose on field trips to educate them about the close relationship between the environment and their local food system. The activities they conduct are centered around collaborative group tasks focused on urban agriculture, nutrition, human impacts, and ecological interconnections. The project will increase community awareness and understanding of watershed stewardship by incorporating a watershed-specific component into their middle school field trip program curriculum.	\$5,000	\$7,650	Closed January 22, 2021	<ul style="list-style-type: none"> <li>Developed a watershed education curriculum and outreached to schools in the community. Students were encouraged to return with their families to participate in Veggielution programs.</li> <li>After participating in the curriculum, students exhibited increased interest in farm activities and an appreciation of the benefits provided by a healthy watershed to the environment and surrounding community.</li> <li>Post-visit survey data showed that, before the field trips, over two-thirds of the visiting students were unaware of the importance of a watershed or how it affected our community. Upon completion of the field trip, 92% of students were able to effectively describe a watershed in their own words and 59% were able to describe a watershed more in-depth with a combination of terms such as drainage, landarea, multiple water sources, and environment.</li> </ul>
D3 Mini-Grant	2018	Living Classroom	Hoover and Nixon School Native Ecology Garden- Based Lessons	The project will restore the school's native garden to be used as an outdoor classroom that will deliver watershed stewardship curriculum to over 400 students from grades K-5.	\$5,000	\$8,000	Closed June 11, 2021	<ul style="list-style-type: none"> <li>Students met the lesson objectives with 83% accuracy.</li> <li>A total of 24 lessons were provided to approximately 400 students.</li> </ul>
D3 Mini-Grant	2018	Grassroots Ecology	Nursery Phytosanitation Education and Equipment Upgrade	The project will upgrade phytosanitary tables to support the growth of native plants and allow the hosting of two educational nursery tours for professionals and garden groups to teach them about how to integrate the latest Best Management Practices for phytosanitation.	\$3,000	\$11,332	Closed July 21, 2020	<ul style="list-style-type: none"> <li>12 new tables put into service at the nursery.</li> <li>Hosted 2 educational tours at the nursery to 2 different groups.</li> </ul>
D3 Mini-Grant	2018	Trout Unlimited	Little Arthur Creek Streamflow Stewardship Phase 2 Planning Project	The project will plan for phase 2 of an existing project "Little Arthur Creek Streamflow" to improve streamflow by implementing "storage and forbearance" technique. Storage tanks will be provided to landowners who would agree to divert their water during wet season and cease all diversion during dry season.	\$5,000	\$7,960	Closed June 30, 2020	<ul style="list-style-type: none"> <li>Completed legal analysis of public water rights, parcel records searches, and outreach to individual landowners on Redwood Retreat Road.</li> <li>Identified existing ponds and reservoirs within the Little Arthur Creek watershed using aerial imagery, calculated effective storage capacities, and estimated the streamflow enhancement potentials from hypothetical flow releases from each of the available storage reservoirs.</li> <li>Discovered that the magnitude of streamflow enhancement possible from pond flow releases is more efficient than the proposed residential storage and forbearance approach.</li> <li>Initial work from this project being used to discuss more potential flow releases with Santa Clara County Parks and additional private landowners.</li> </ul>
D3 Mini-Grant	2018	Living Classroom	Capri School Native Garden	The project will restore the school's native garden to be used as an outdoor classroom that will deliver watershed stewardship curriculum to over 400 students from grades K-3.	\$5,000	\$8,000	Closed May 10, 2021	<ul style="list-style-type: none"> <li>Provided 19 ecology focused lessons on habitats, ecology, pollution, and California's biodiversity to approximately 300 students in grades K-3.</li> <li>Created approximately 1,600 square foot native habitat garden.</li> <li>Purchased and planted approximately 65 additional native plants (1-gallon size) representing 35 species.</li> <li>Created and installed 35 plant identification signs with a few sentences each to inform students.</li> <li>Grew 80 native plants from cuttings in the greenhouse and seed to supply native plants to other CUSD school native gardens.</li> </ul>
D3	2018	Friends of Stevens Creek Trail	Stevens Creek Steelhead Passage Improvement Project	The project will provide construction of instream features at the Deep Cliff Golf Course on Stevens Creek in Cupertino to facilitate juvenile steelhead trout upstream passage (design, permit, construction).	\$120,000	\$176,850	In progress	

## Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3 Mini-Grant	2018	San Francisco Bay Bird Observatory	Waterbird Monitoring in Santa Clara Salt Ponds	The project will expand on work connecting the community to the native birds in the bay through the Colonial Waterbird Program, a citizen science program that monitors nesting colonies of waterbirds within the South SF Bay to document overall population trends and responses to restoration.	\$5,000	\$12,280	Closed October 30, 2019	<ul style="list-style-type: none"> <li>Submitted 2 reports to Restoration Project managers that assembled targets for waterbirds and outlined recommendations for waterbird monitoring.</li> <li>In partnership with the U.S. Geological Survey and the U.S. Fish and Wildlife Service, surveyed all South Bay Salt Pond restoration sites and accessed tidal marsh areas to document breeding waterbirds. The U.S. Geological Survey's report will be provided to Restoration Project managers.</li> <li>Engaged thousands of community members with waterbird conservation.</li> </ul>
D3 Mini-Grant	2018	Keep Coyote Creek Beautiful	Santa Clara Park BioBlitz Events	The project will engage community members through a BioBlitz event to act as citizen scientists where they explore the natural environment of plants, wildlife, and aquatic species. A part of the educational process, attendees will participate in activities that will connect them to better understanding how to protect the waterways by keeping the environment healthy.	\$5,000	\$13,500	Closed October 30, 2019	Hosted 3 BioBlitz events, where 194 participants of all ages and abilities came together to identify and learn about the natural environment, including plants, bugs, and birds.
D3 Mini-Grant	2018	Smart Yards Education Foundation	Earth Day Water Community Awareness	The project will partner with students and faculty from SJSU & local community colleges to teach watershed stewardship in schools in low-income neighborhoods. Students will receive hands on learning activities that will demonstrate water and soil conservation, support to identify conservation subsidies, and learn other techniques to improve the community through watershed activities.	\$5,000	\$7,000	Closed September 2018	<ul style="list-style-type: none"> <li>Presented a total of 2 workshops.</li> <li>58 individuals attended the event, including elected officials, Smart Yards Education Board of Directors, local community leaders, environmentalists, landscapers, students and clergy.</li> <li>Post event survey indicated that over 80% of the participants were very satisfied with the event.</li> </ul>
D3 Mini-Grant	2018	San Francisco Bay Bird Observatory	California Gull Predator Surveys	The project will give local residents the opportunity to learn about and explore their local watersheds as well as disseminate this knowledge to their friends and families by having them participate in a surveying effort to count and document nesting California Gulls.	\$3,000	\$5,048	Closed September 2018	<ul style="list-style-type: none"> <li>Provided in depth training to 19 volunteers to work with staff to count and document nesting California Gulls.</li> <li>Worked with 19 volunteers to monitor and complete the surveys of 10 California Gull colonies in the South San Francisco Bay.</li> <li>Entered collected data from California Gull surveys into a long-term database to produce a report of the results of nesting surveys for US Fish &amp; Wildlife Service, South Bay Salt Pond Restoration Project, and Valley Water.</li> </ul>
D3 Mini-Grant	2018	Living Classroom	Creating Native Habitats in Schoolyards: Crittenden Middle School	The project will work with Crittenden Middle School in Mountain View to restore a native plant garden to help engage and educate students, teachers, parents, and the public about local native plants. The garden will be used as an outdoor learning classroom for teachers. The project will also provide lessons to middle school students on California's Biodiversity and Adaptation of California Native Plants that will likely reach nearly 400 students.	\$5,000	\$7,000	Completed May 2018	
D3 Mini-Grant	2018	Living Classroom	El Carmelo School Native Ecology Garden-Based Lessons	The project will restore the school's native garden to be used as an outdoor classroom that will deliver watershed stewardship curriculum to over 400 students from grades K-5.	\$5,000	\$8,000	Completed May 2019	<ul style="list-style-type: none"> <li>Students met the lesson objectives with 84% accuracy (goal was 70%).</li> <li>Provided a total of 22 lessons to approximately 400 students.</li> </ul>

**Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3**

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3 Mini-Grant	2018	Living Classroom	Castlemont Elementary School Native Garden	The project will restore the school's native garden to be used as an outdoor classroom that will deliver watershed stewardship curriculum to over 400 students from grades K-3.	\$5,000	\$8,000	In progress	
D3 Mini-Grant	2018	Citizens for Environmental and Economic Justice (CEEJ)	East San Jose: Overfelt Gardens Park Community Project	The project will engage students from SJSU to develop a pollinator native garden, document and map out non-native species using GPS technology, remove those non-native species, and pick up litter in Overfelt Gardens Park. The project will also develop new K-12 curricular to help increase awareness on local habitat in the area and support educational activities at the garden.	\$5,000	\$15,360	In progress	
D3	2019	City of Milpitas	Milpitas Lower Penitencia Creek Pedestrian Bridge Project	The project will provide for design and construction of a pedestrian bridge across the Penitencia East Channel between McCandless Drive and Montague Expressway. The new pedestrian bridge will connect residential developments, the Penitencia Creek multi-use trail, future McCandless Park, and the recently completed Mabel Mattos Elementary School.	\$60,000	\$1,865,000	Agreement execution in progress	
D3	2019	Midpeninsula Regional Open Space District	Beatty Trail Connection	The project will create new trail and public access at the Beatty property of the Sierra Azul Open Space Preserve (OSP) through new parking area and trail connection. The trail will provide new access to regional trails, including the Bay Area Ridge Trail (Ridge Trail) and Juan Bautista de Anza National Historic Trail, while also providing new creekside trail access.	\$149,906	\$514,351	Agreement execution in progress	
D3 Mini-Grant	2019	Irvington High School	Sustainable California Initiative Project	The project will provide funding to develop a watershed stewardship curriculum that will then be presented to approximately 10 high schools and 15 Boy Scout troops in Santa Clara County. The project will also create posters and artwork that will be displayed at local creeks, trails and parks with an emphasis on the benefits of preserving the watersheds, as well as cleanups at the Don Edwards Wildlife Refuge, Ed Levin County Park, and Berryessa Creek Park.	\$3,230.54	N/A	Cancelled	
D3 Mini-Grant	2019	Science from Scientists, Inc.	ECOAdventures Vacation Camp	The project will implement two five-day camps for 50 youths from the ages of 11 to 14 with a focus on STEM learning around our ecology, including our local watersheds.	\$5,000	N/A	Cancelled	

## Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3	2019	Santa Clara County Office of Education (Partnership)	Environmental Education and Student Assessment Project	The project will support the expansion of SCCOE's Education Outreach Program and environmental education programming to reach more students, specifically in school districts that lack the resources and opportunities to implement environmental education in their classrooms.	\$50,000	\$175,000	In progress	
D3 Mini-Grant	2019	Bay Area Older Adults	Watersheds & Wildlife Education Walks	The project will provide outdoor educational programs for older adults age 50+ to experience Valley Water watersheds first-hand as well as teaching them about protecting local watersheds and dependent ecosystems. Project areas include Don Edwards Wildlife Refuge (San Jose), Ulistac Nature Area (Santa Clara), Guadalupe River Park (San Jose), Alum Rock Park (San Jose) and McClellan Ranch Preserve (Cupertino). The educational program is focused on hands-on learning which has been shown to be more effective than learning in a classroom.	\$5,000	\$14,448	Closed July 24, 2020	<ul style="list-style-type: none"> <li>• 5 programs were delivered to a total of 132 participants.</li> <li>• Post-survey results indicated that more than 90% of participants reported they learned something new about the watersheds and wildlife from the above areas. More than 72% of participants were "very satisfied" with the program.</li> <li>• All programs were promoted with a monthly full-page print ad in a senior magazine that was distributed to over 30,000 readers throughout Santa Clara County.</li> <li>• Valley Water-focused outreach materials were produced and distributed to program participants and the Valley Water logo was added to BAOA's webpages as a partnered agency.</li> </ul>
D3 Mini-Grant	2019	Bay Area Older Adults	Watershed Appreciation Program	The project will provide four outdoor educational programs for blind older adults so they can experience Valley Water watersheds first-hand and to teach them about the Guadalupe watersheds and dependent ecosystems. The project will bring blind older adults to four waterways in four different watersheds - Los Alamos Creek and Guadalupe Slough (Guadalupe Watershed), Stevens Creek (Lower Peninsula Watershed) and Penitencia Creek (Upper Penitencia Creek Watershed).	\$5,000	\$7,590	Closed June 26, 2020	<ul style="list-style-type: none"> <li>• Participants increased their knowledge of the 4 watersheds located at the following locations: Los Alamos Creek, Guadalupe Slough, Stevens Creek and Penitencia Creek.</li> <li>• Pre- and post-walk surveys indicated an increase in participant knowledge of the creeks from an average of 0-22% to 78-100%, respectively.</li> <li>• Educational materials, such as plans and guides, were created that incorporated the senses of touch, smell, hearing and taste.</li> </ul>

**Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3**

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3 Mini-Grant	2019	Grassroots Ecology	Peninsula/South Bay Watershed Forum	The project will increase community awareness and understanding of watershed stewardship by convening Peninsula and South Bay community members, agencies, and organizations working on watershed-related issues to connect with one another, share information, and advance policies and best practices that promote watershed health.	\$5,000	\$9,370	Completed April 2021	<ul style="list-style-type: none"> <li>• 5 Watershed Forum meetings held with 210 participants.</li> <li>• 16 guest speakers engaged.</li> <li>• 253-member listserv maintained</li> </ul> <p>Experts from different agencies and nonprofit groups shared information on topics including:</p> <p>Measure AA and the Bay Restoration Authority, South Bay Salt Ponds Restoration, Diversity in Local Environmental Leadership, Future Planning and Actions in Local Watersheds, and Anadromous Fish and FAHCE.</p>
D3 Mini-Grant	2019	Living Classroom	Equity in Environmental Literacy	The project will involve planning and supervising community building workdays to engage community members in planting native tree and under story plants, and interpretive signs; to create wildlife habitat; educate the participants and future visitors regarding the value of native plants in helping to restore our native ecology; and create more beautiful and inviting outdoor gathering places for the local community.	\$5,000	\$32,000	Completed December 2020	<p>Due to COVID-19, Living Classroom could not carry out the original scope of work with in-person workday lessons. The funding was instead used to create a new native and edible garden at Jose Vargas School. Key outcomes include:</p> <ul style="list-style-type: none"> <li>• Removed of topsoil and mulch.</li> <li>• Installed irrigation in a new native garden.</li> <li>• Removed existing shrubs and replanting them on the campus.</li> <li>• Planted 30 native plants.</li> <li>• Built two 8' x 4' x 24" redwood beds with vegetable blend soil added to each box.</li> <li>• Installed "stub ups" for future irrigation in the new beds and for suture beds 9a total of 10 beds are needed to accommodate the student enrollment at Vargas).</li> </ul>
D3	2019	City of Morgan Hill	Madrone Channel Trail Improvements Project	The project will be the first phase of a two-phase project to pave an existing unpaved trail that is located on a maintenance road adjacent to the east side of Valley Water's Madrone Channel. The 2.3-mile trail runs north along the eastside of Highway 101 from Tennent Avenue to Cochrane Road. The first phase is approximately 1.1 miles.	\$120,000	\$401,958	In progress	
D3	2020	Santa Clara Open Space Authority	Pond Restoration Project for California Red-legged Frog and Western Pond Turtle in Rancho Canada del Oro Open Space Preserve	The project will directly improve habitat for two special status species within Rancho Canada del Oro Open Space Preserve (Preserve) in Santa Clara County: California red-legged frogs (CRLF), western pond turtles (WPT). The project will be focused on conserving existing populations, increasing the number of individuals, and expanding the overall distribution of populations of these species in biologically appropriate locations to maintain viable populations and contribute to the regional recovery of these species. The project outcomes will be achieved through critical pond redesign, invasive plant removal, and native vegetation restoration. The project will build a network of ponds to provide vital habitat for CRLFs and WPTs and provide linkage to the ring of protected lands surrounding the Preserve.	\$476,796	\$704,548	In progress	

**Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3**

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3 Mini-Grant	2020	Living Classroom	Campbell Union Elementary School District	The project will implement outdoor instruction and student experiential learning at six schools in the Campbell Union Elementary School District (CUSD) through a native ecology lesson portfolio . The lessons taught at these schools will focus on learning topics including ecology, sensory observation, pollination, water conservation, plant biodiversity and its relationship to wildlife diversity and abundance, healthy soil, and how all of this relates to a healthy watershed. Three of the six schools have native habitat gardens in place; one will be completed by summer’s end; and two schools (Sherman Oaks and Forest Hill) have plans to install gardens in the near future.	\$5,000	\$8,000	Agreement execution in progress	
D3 Mini-Grant	2020	Youth Outside	2019 Outdoor Educators Institute	The project will support 18-24 year-old Bay Area residents interested in pursuing a career in outdoor education through an immersive training program on evenings and weekends over a three-month period. OEI ensures that young adults who’ve historically faced social, economic, and cultural barriers to accessing the outdoors are reconnected to the natural world through training, skills-building, and experiences critical to their continued growth as leaders in the environmental field.	\$5,000	\$50,000	Agreement execution in progress	
D3 Mini-Grant	2020	Bay Area Older Adults	Watershed Appreciation Program	The project will provide four outdoor educational programs for visually impaired older adults (VIPs) to experience Valley Water watersheds first-hand, as well as teach them about the protecting our watersheds and dependent ecosystems, and related projects. The project will customize the program for this underserved population; provide transportation from the Vista Center for the Blind, healthy lunches, four blind-trained guides; creation of four-sense focused watershed interpretation; and create surveys to analyze what participants learned from each program.	\$5,000	\$12,627.14	Agreement execution in progress	
D3 Mini-Grant	2020	Guadalupe River Park Conservancy	Guadalupe Watershed Ecosystem Education Project	The project will provide programming and transportation scholarships to bring Title One schools to Guadalupe River Park and Gardens. At least forty percent of a school’s registered students must be eligible for Free or Reduced Price Meal (FRPM) in order to qualify for any GRPC scholarship.	\$4,725	\$6,433	Agreement execution in progress	

**Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3**

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3 Mini-Grant	2020	Children's Discovery Museum of San Jose	Project Transect Alamos Creek	The project will enhance the Children's Discovery Museum of San Jose's existing BioSITE (Students Investigating Their Environment) environmental education program for the 4th grade students from Graystone and Williams Elementary Schools and their Leland High School student mentors with a pilot program to use "transects" to conduct biological monitoring of the biodiversity of the important and rich riparian environment at three collection sites along Alamos Creek. The award-winning BioSITE curriculum, which uses local watersheds as outdoor classrooms, has traditionally focused on just the river or creek itself, and this pilot offering will expand the educational scope to include investigating change over time with the flora while also measuring impacts of human activity.	\$5,000	\$197,712	Agreement execution in progress	
D3 Mini-Grant	2020	Grassroots Ecology	Embarcadero Road Habitat Corridor	The project will be a partnership between Grassroots Ecology and landscape architect Juanita Salisbury, the City of Palo Alto and the San Jose Conservation Corps. Two pollinator gardens will be created along Embarcadero Road by converting the existing space into a watershed-friendly habitat, which will attract pollinators, such as bees and butterflies. The project will provide a hands-on workshop to the San Jose Conservation Corps as they remove the ivy and mulch from the existing area. The workshop provides training to at least 20 community members and teaches the concept of habitat gardening and installation of native vegetation. Signage will help interpret the garden flora and fauna and the garden's watershed benefits and be visible to 25,000 passersby that travel the road daily. First Congregational Church members, neighbors and other community volunteers will provide and maintenance into the future.	\$5,000	14,500	In progress	
D3 Mini-Grant	2020	San Jose State University Research Foundation	KCCB BioBlitz and Connection to Nature	The project will implement a research component of the BioBlitz events to provide valuable data and analysis on how such events contribute to participant sense of connection to nature. Practical consequences of feeling connected to nature manifest themselves in ways such as pro-environmental attitudes and behaviors that impact citizen support for natural resource protection and management.	\$5,000	\$8,250	Agreement execution in progress	



**Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3**

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3 Mini-Grant	2020	Marshmallow Minds	Environmental STE(A) M Education on Conservation of Birds	The project will create environment-focused STEAM education modules on bird conservation and their habitat, as well as field learning activities, in collaboration with the San Francisco Bay Bird Observatory (SFBBO) for students in grades K-8.	\$5,000	\$46,000	In progress	
D3 Mini-Grant	2020	Alliance for Water Efficiency	Sustainable California Initiative Project	The project will provide funding to develop a watershed stewardship curriculum that will then be presented to approximately 10 high schools and 15 Boy Scout troops in Santa Clara County. The project will also create posters and artwork that will be displayed at local creeks, trails and parks with an emphasis on the benefits of preserving the watersheds, as well as cleanups at the Don Edwards Wildlife Refuge, Ed Levin County Park, and Berryessa Creek Park.	\$3,230.54	\$4,310.50	Cancelled	
D3	2020	Grassroots Ecology	Re-Oaking Silicon Valley	The project will expand the climate resiliency of the region by growing, planting and establishing hundreds of oaks, willows, buckeyes and other native trees across public open spaces and parks in Palo Alto, Los Altos Hills and Cupertino, as well as providing native trees and plants through outreach programs in Sunnyvale and Santa Clara, where development has displaced the historic native tree canopy. The project will provide education and service-learning opportunities to hundreds of people in Santa Clara County and will expand the awareness of the importance of native oaks in improving the region's ecosystem and watershed health.	\$103,735	\$351,685	In progress	
D3 Mini-Grant	2020	Baker Home and School Club	Outdoor Classroom and Garden	The project will create an educational, productive and imaginative space at Baker Elementary School with an outdoor classroom, native plant garden, vegetable/herb/fruit garden. This newly created space in a large dirt area will result in an inviting and welcoming area for students. Students will feel a sense of ownership and accomplishment as they get their hands dirty, watch things grow, create experiments, and harvest from a beautiful outdoor garden.	\$5,000	\$20,680	In progress	

**Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3**

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3 Mini-Grant	2020	Bay Area Older Adults	Watershed and Wildlife Education Program	The project will increase access for 50 seniors ages 60+ to outdoor educational experiences. The grantee will continue with its annual volunteer restoration event at Don Edwards San Francisco Bay National Wildlife Refuge, and add four new outdoor educational programs about Valley Water's watersheds in 2020. Project locations include Don Edwards Wildlife Refuge, Anderson Lake County Park, Vasona Lake County Park and Shoreline Lake Park.	\$5,000	\$15,876.06	In progress	
D3 Mini-Grant	2020	Elizabeth F. Gamble Garden	Watershed Garden	The project will convert a quarter acre of turf grass into a prominent new garden on the corner of Embarcadero and Waverley Street in Palo Alto that will demonstrate the watershed approach to landscaping. The transformation will provide enhancements to the properties, neighborhoods and cities. It will demonstrate sustainable garden design principles including building healthy soil, keeping rain on the properties, using permeable paving, selecting climate-appropriate plants and lawn alternatives that also provide habitat to wildlife and managing supplemental irrigation.	\$5,000	\$99,150	In progress	
D3 Mini-Grant	2020	San Jose State University Research Foundation	Watershed Stewardship Awareness Educational Workshop Series	The project will conduct a series of educational workshops with the goal of creating awareness of watershed stewardship. conducted at San Jose State University and the participants will be students in the Department of Civil and Environmental Engineering, and other students of San Jose State who are interested in learning about watershed stewardship.	\$5,000	\$6,250	In progress	
D3	2021	Community Express	La Sendera Community Art Trail	The project will paint murals and place other art installations on community owned sound walls and private fences that line the two-mile trail. The project will host outdoor events in partnership with local businesses and schools to engage the community.	\$25,530	\$50,000	Agreement execution in progress	
D3 Mini-Grant	2021	Keep Coyote Creek Beautiful	Hellyer County Park Mural	The project will create a mural at Hellyer County Park in San Jose, CA. The mural design and implementation process includes: 1) Meeting with Santa Clara County Park management to create a full scope of work and budget; 2) Obtain community input to render a mural draft design and approve the design via in-person activities and surveys; 3) Preparing and painting the mural. The mural will bring awareness to the neighboring Coyote Creek and park visitors will learn about the flora and fauna that co-exist along the creek.	\$5,000	\$12,450	Agreement execution in progress	

**Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3**

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3 Mini-Grant	2021	Keep Coyote Creek Beautiful	Empire Gardens Elementary School Mural	The project will create a mural at Empire Gardens Elementary School in San Jose, CA. The mural design and implementation process includes: 1) Meeting with the facility management to create a full scope of work and budget; 2) Refining community input to render a mural draft design and approve the design; 3) Preparing and painting the mural. The mural will bring awareness to the neighboring Coyote Creek, and the students and visitors will learn about the birds, bugs, fish, trees and other wildlife that live in and around the creek.	\$5,000	\$13,380	Agreement execution in progress	
D3 Mini-Grant	2021	Bay Area Ridge Trail Council	Ridge Trail Berryessa BioBlitz	The project will encourage residents to go out into their neighborhood parks and learn about the local environment around them. The event will be facilitated by Bay Area Ridge Trail staff, a local naturalist, and project partners. The training sessions will guide participants on how to examine and explore local flora/fauna using the iNaturalist App.	\$5,000	\$7,500	Agreement execution in progress	
D3 Mini-Grant	2021	Bay Area Older Adults	Watershed Appreciation Program	The project expands Bay Area Older Adults' Watershed Appreciation Program (project) to four additional Santa Clara County watersheds: Los Gatos Creek County Park, Joseph D. Grant and Grant Lake, Uvas Canyon County Park and Coyote Creek Ogier Ponds. The Project features both live and remote educational programs and promotion of recorded versions of the same programs to the visually impaired population of Santa Clara County.	\$5,000	\$16,680	Agreement execution in progress	
D3 Mini-Grant	2021	Bay Area Older Adults	Watershed Walk & Talk Program	The project will increase access of adults (age 60+) to Santa Clara County's watersheds while raising participant awareness and understanding of how healthy watersheds are critical to their well-being and that of the natural world around them. For 2021, the project will include four new in-person outdoor educational programs located within the Valley Water watersheds. The in-person programs will enable older adults, who do not usually have access to these watersheds, to experience them first-hand.	\$5,000	\$17,830	Agreement execution in progress	

**Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3**

SCW Project Number	Grant Cycle FY	Grantee/Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3 Mini-Grant	2021	City of Santa Clara	Green Infrastructure and Water-wise Native Plant Demonstration Garden Design	The project will be an assessment to install an integrated project that will provide water quality improvement, water conservation benefit, enhance community understanding and promote inter-departmental engagement on green stormwater infrastructure (GSI) retrofit. Once implemented, it will pave the way for future GSI projects, engage the public and strengthen interdepartmental and interagency collaboration.	\$5,000	\$8,000	Agreement execution in progress	
D3 Mini-Grant	2021	City of Santa Clara	Adopt-a-Spot Tool Lending Program	The project will provide community groups, businesses, and individuals an opportunity to play an active role in keeping public spaces clean and beautiful by lending them the necessary resources and tools to conduct a successful cleanup, with the flexibility to set their own schedule. Participants will be able to adopt a space in the public right-of-way, such as gutter lines and sidewalks, creek trails (with Valley Water approval), neighborhood blocks, City-owned lots or alleys, storm drain inlets, and bus stops.	\$5,000	\$12,974	Agreement execution in progress	
D3 Mini-Grant	2021	City of Santa Clara	San Tomas Aquino Creek Trail Pet Waste Station and Public Litter Container Expansion Project	The project will include the installation, outreach and ongoing maintenance of two additional public litter containers, each accompanied by a new pet waste bag station and full-color, weather resistant pollution prevention sign; and three additional pet waste bag stations and signage installed near existing public litter containers along the trail (total project installation of two public litter containers, five pet waste bag stations and five pollution prevention signs). The signage will include a QR code with a link to the City's Stormwater Pollution Prevention webpage which includes useful information and links for residents to learn more about the hazards of stormwater pollution and their role in reducing this threat. The project will also include social media outreach messaging to promote the use of the new trail installations and connect users to resources to further educate the public.	\$5,000	\$8,760	Agreement execution in progress	
D3 Mini-Grant	2021	Gilroy After Hours Rotary Club	Gilroy Watershed Clean Up	The project will include two watershed clean up events. Each event will be held on a Saturday morning. Events will target two areas of the city that have significant clean up challenges due to urban infrastructure and aging neighborhoods. Each event is expected to attract approximately 50 volunteers and collect 3-4 six-yard dumpsters along with recycling products.	\$5,000	\$6,667	Agreement execution in progress	

**Appendix C: Cumulative Partnerships and Grants Information for Projects A2, B3, B7 and D3**

SCW Project Number	Grant Cycle FY	Grantee/ Community Partner	Project Name	Description of Project	Amount Awarded	Total Project Cost	Status	Measurable Outcomes
D3Mini-Grant	2021	President and Board of Trustees of Santa Clara College	The Water Project	The Water Project, a collaboratively created multi-media performance work, will raise awareness and promote engagement surrounding 21st century water issues, including those pertinent to regional watersheds and systems. Consulting water scientists confirm the need to complement hard data with artistic endeavors such as The Water Project to engage the public and motivate action. For this reason, The Water Project intends to be part of the conversation.	\$5,000	\$27,460	Agreement execution in progress	
D3 Mini-Grant	2021	SCIENCE IS ELEMENTARY INC	SiE Books Creek Cleanup	The project will address educational challenges that were highlighted during the COVID-19 pandemic: limited internet connectivity, lack of high-quality materials for remote hands-on science instruction, and a broadening of the achievement gap for students of color and those from low-income families. SiE Books are line-drawing illustrated short books that allow young kids (5-7 years of age) to do hands-on science experiments on their own and require little to no reading. The adult companion will contain information on watershed stewardship and cleanup, and will include recommendations for participating in creek clean-ups as a family.	\$5,000	\$100,000	Agreement execution in progress	
D3 Mini-Grant	2021	Latimer Home and School Club	Latimer Garden & Outdoor Classroom	The project will transform an unused section of Latimer School campus into a school garden and outdoor classroom for 550 students. The garden, which will attract a diversity of wildlife, will include themed garden beds for varying plants such as natives, pollinator-friendly, scented, and tactile. Outdoor classroom elements will also be installed, including picnic tables, a sink that uses greywater, a whiteboard, compost bins, a large garden shed and educational signage. Teachers at Latimer will use the garden and outdoor classroom to teach the students about local watershed stewardship, wildlife habitat, water conservation, garden education and other ecological concepts.	\$4,959	\$39,942	In progress	
<b>Total</b>					\$7,910,789	\$19,174,457		

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