

2021 Approved Supplemental Environmental Projects for the Santa Ana Regional Water Quality Control Board

Project Number	Project Title, Proponent/Contact Information	Project Cost	Project Completion Date	Project Description	Current Status
1	City of Hemet Well Heads 15&16 TCP Treatment Kristen Jensen (951) 765-3823	Project Management: \$350,000 Design: \$200,000 Sample: \$10,000 Total Cost \$4,890,000	Until Funded	The City of Hemet Water Department proposes to design and construct wellhead treatment facilities at Wells 15 & 16 to remove 1-2-3-trichloropropane (1-2- 3 TCP); a contaminant regulated by the State of California in drinking water. These City groundwater production wells have been removed from service due to 1-2-3-TCP contaminant levels that exceed the maximum allowed by the State. The production capacity of these wells is critical to support the current and future customer water demand in the district, which serves a severely disadvantaged community. In order to return these wells to service, remove of 1- 2-3- TCP is required. This project proposes to design and construct wellhead treatment facilities to address 1- 2-3-TCP at two separate groundwater well sites.	Awaiting Funding

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2	City of Rubidoux Community Services District Well 2 and Well 4 Wellhead Treatment for TCP David Lopez dave@rcsd.org	To be Determined	Until Funded	The City Rubidoux Community Services District proposes to design and construct wellhead treatment facilities at Wells 15 & 16 to remove 1-2-3-trichloropropane (1-2-3 TCP); a contaminant regulated by the State of California in drinking water. These City groundwater production wells have been removed from service due to 1-2-3-TCP contaminant levels that exceed the maximum allowed by the State. The production capacity of these wells is critical to support the current and future customer water demand of the district, which serves a severely disadvantaged community. In order to return these wells to service, remove of 1-2-3- TCP is required. This project proposes to design and construct wellhead treatment facilities to address 1-2-3-TCP at two separate groundwater well sites.	Awaiting Funding

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3	Quail Valley 2020 Septic to Sewer Water Quality Improvement Project. Eastern Municipal Water District, 2270 Trumble Road, Perris, CA 92570 Al Javier (951-928-3777)	Up to \$5 Million for engineering and design/up to \$65 Million total cost. Project can be broken into smaller subprojects	2 years from the date of completion of sewer construction for Area 4 or 9.	Septic systems in Quail Valley area are failing at an alarming rate adversely impacting public health and water quality. Eastern and other agencies are proposing to provide sewer service to the area to eliminate septic systems. The area has a significant number of low-income and/or fixed income families and the SEP money will help low income residents with sewer connection expenses once the sewer is built	Ongoing
4	Orange County Clean-up at Huntington State Beach Coast Keeper Patrick Irizarry (714) 850-1965 ext 1008 Patrick@coastkeeper.org	\$23,000	Ongoing per event	Each event will focus on trash and debris removal (beach cleanups) at Huntington State Beach at the outlet of the Santa Ana River	Awaiting Funding
5	Upper Newport Bay Restoration. Marine Education Project, 45 Fremont St, Suite 2000, San Francisco, CA 94105 Chris Parry (415-904-5208) cparry@coastal.ca.gov	\$189K/\$250K The SEP money is to cover a portion of program expenses and personnel costs for 1 year.	Ongoing (Annually)	Marine Education Project is proposing a Community-Based Restoration and Education Program for Upper Newport Bay. The project will foster community involvement and volunteer labor for restoration activities (removal of invasive species, planting of native species, restoration of buffer zones for breeding, foraging, etc.) and for monitoring of the restored areas.	Partially funded, funding required annually Last funded by R8-2008-0044 SEP \$12,000

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6	<p>Artesia Sawdust Products 13434 Ontario Ave., Ontario CA 91761                      DDW Contact Eric Zuniga District Engineer Phone (909) 383-4328                      Eric.Zuniga@waterboards.ca.gov</p>	<p>Approximately \$400,000</p>	<p>Upon Completion</p>	<p>Artesia Sawdust Products is regulated as a public water system within the County of San Bernardino. The water sources that provide potable water to a company and home were affected by TCE as a result of a plume located to the west. The City of Ontario estimates that in order to provide potable water through a piped main, the cost estimate would be approximately \$400,000. That would serve to consolidate small unsustainable water systems with other systems to provide safe drinking water for all Californians</p>	<p>Awaiting Funding</p>
7	<p>Maclin Markets Inc. 7407 E. Riverside Dr. Ontario, CA 91761                      DDW Contact Eric Zuniga District Engineer Phone (909) 383-4328                      Eric.Zuniga@waterboards.ca.gov</p>	<p>Approximately \$35,000</p>		<p>Maclin Markets is regulated as a public water system. There are residents on site. The source water contains high level of nitrates that exceed the state of California's acceptable levels. The project will replace 2,000ft of pipe underground to various locations and possibly connection to the City of Ontario's Public water system.</p>	<p>Awaiting Funding</p>

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8	Old Pirate Lane City of Huntington Beach Andrew Ferrigno, Principal Civil Engineer, City of Huntington Beach CA (714) 536-5291 aferrigno@surfcity-hb.org	Approximately \$86,000	Upon Completion	Safe Drinking water initiative: The Old Pirate Lane State Small Water System is located in western Huntington near the intersection of Old Pirate Lane and Graham Street which consists of one well serving 13 homes. The well exceeds the maximum contaminant level for nitrate and is no longer capable of serving the 13 residences. The SEP would provide 25% of the total funds needed to provide permanent City Water. 75% of the funds will come from State Grant funding.	Awaiting Funding
9	Water Energy Community Action Network (WECAN) (SAWPA 11615 Sterling Ave., Riverside CA Mark Norton (951) 354 4221	\$100,000 in SEP funding is requested. Total Project Costs are estimated at \$200,000	December 1, 2020	The project would continue with future phases of water and energy efficiency improvements on disadvantaged communities in the watershed including indoor retrofits that conserve water and energy. These projects will also include front yard turf replacement with drought tolerant landscaping and irrigation	Awaiting Funding

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10	Assessing the Water Quality, Riparian and Aquatic Habitat impacts of Homelessness in the Upper Santa Ana River Watershed.(SAWPA) Mark Norton (951) 354-4221	\$30,000 for Assessment and Monitoring Program Development \$80,000 for sampling and analysis. Total Costs are estimated at \$220,000	1-Dec-19	The project would develop a monitoring plan and then implement the program to evaluate and quantify the potential negative impacts of homeless encampments on water quality, riparian and aquatic habitat within or alongside streams or in proximity to waterbodies assessing the magnitude of impacts determining appropriate needed actions, if any	Awaiting Funding
11	Watershed Planning, Modeling and Stakeholder Outreach. SAWPA: 11615 Sterling Avenue, Riverside, CA 92503 Mark Norton (951) 354-4221 mnorton@sawpa.org	\$6 Million	Ongoing (annually)	The project will provide the tools for data collection and planning for multipurpose projects within the Santa Ana Watershed.	Awaiting Funding
12	North Orange County Watershed: Comprehensive Monitoring Program Orange County Coastkeeper, 3151 Airway Ave. Suite F-110, Costa Mesa, CA 92626. Ray Hiemstra (714) 850-1965.Ray@coastkeeper.org	Estimated at \$25,000 but is flexible to expand or contract to accommodate funding	Ongoing (annually)	Orange County Coastkeeper proposes to initiate a comprehensive water quality monitoring program within Orange County watershed to aid the Regional Board with its Basin Planning process. The data produced will be used to inform the public on potential health risks from water contact and for 303d listing/delisting determinations.	Awaiting Funding

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13	River Road Wetland Project Orange County Water District, 18700 Ward Street, Fountain Valley, CA 92708. Daniel Bott (714) 378-3256 DBott@ocwd.com	\$200,000 requested; \$6 Million Overall Costs	Ongoing (Annually)	To develop an interpretive/education center in conjunction with the River Road Wetlands project	Awaiting Funding
14	Santa Ana Sucker Habitat Protection and Beneficial Use Enhancement Project (SAWPA), 11615 Sterling Avenue, Riverside, CA 92503 Mark Norton (951) 354-4221 <mnorton@sawpa.org	\$120,000 funding requested; Total Project Costs \$225,000	December 1, 2020	The project would provide funding for design and installation of habitat structures in the SAR Reach 3	Awaiting Funding
15	Baseline Water Quality Data for Temescal Wash Riverside- Corona Resource Conservation District, 4500 Glenwood Dr., #A, Riverside CA 92501 Shani Pynn (951) 683-7691 X223	\$10,000 requested; Total Project Costs \$12,500	When Funded	To establish baseline water quality data for 3 linear miles of Temescal Wash under the control of RCRC. The data would be used to track changes in water quality from restoration activities	Awaiting Funding
16	Santa Ana River Trail and Parkway Completion SAWPA, 11615 Sterling Avenue, Riverside, CA 92503 Mark Norton (951) 354-4221 mnorton@sawpa.org	Total Cost of Project \$40 Million	5 years from full funding	Multi-Stakeholder project to connect the San Bernardino Mountains and the Pacific Crest Trail to the already completed portions of the Orange County Trail.	Awaiting Funding
17	Deleo Conservation Easement Riverside-Corona Resource Conservation District, 4500 Glenwood Dr., #A, Riverside CA 92501 Kervin Russel (951) 683- 7691 X203; Russell@rcrcd.com	Funds Requested \$150,000; Total Cost of Project \$162,913	Ongoing (Annually)	To secure riparian habitat lands in a long- term conservation easement and to assist with the protection of the hydrologic and habitat values of the Temescal Wash	Awaiting Funding

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18	Southern California Wetlands Recovery Project California State Coastal Conservancy, 1330 Broadway, Oakland, CA 94612. Greg Gauthier (760) 832-7365 ggauthier@scc.ca.gov	Unspecified Costs	Ongoing (Annually)	To acquire, restore, and enhance coastal wetlands in Southern California	Awaiting Funding
19	Santa Ana Watershed Awareness Program Inland Empire Waterkeeper, 6876 Indiana Ave, Riverside, CA 92506 Ray Heimstra (951) 530-8823. Ray@coastkeeper.org	Requested Funds \$75,000; Total Cost of Project \$150,000	Upon Funding	Installation of 15 signs along the freeways at the entrances into the Santa Ana Watershed with the message: "Santa Ana Watershed, Keep it Clean"	Awaiting Funding
20	Well 30 Wellhead Treatment Plant Monte Vista Water District, 10575 Central Avenue, Montclair, CA 91763 John Hughes (909) 267-2185 jhughes@mvwd.org	Requested Funds \$130,000; Total Cost of Project \$450,000	Upon Funding	Construction of treatment facilities to treat impaired groundwater using granular activated carbon and ion exchange to restore potable use. Three wells were taken out of service due to concentrations of 1,2,3-trichloropropane and nitrate above the maximum contaminant levels.	Awaiting Funding