

2024 Project X Tier 2 Call for Projects – Project Summaries

Project Summaries			
No	Agency	Project Title	Project Highlights
1	Anaheim	State College Boulevard Stormwater Capture and Conveyance Project	<ul style="list-style-type: none"> • Redirect stormwater runoff from overburdened Orange County Flood Control District facility. • Repurpose approximately 10,000 linear feet of large diameter abandoned sewer pipe by installing underground dry wells for stormwater runoff treatment, capture, and infiltration. • Designed to capture, retain, and infiltrate approximately 63.2 acre-feet of water per year.
2	Newport Beach	Newport Dunes Water Quality Improvement Project	<ul style="list-style-type: none"> • Construct a 2,000 square-foot infiltration gallery within the beach, east of the lagoon. • Construct five 200 square-foot infiltration galleries adjacent to existing catch basins. • Designed to capture all dry weather flow of up to 5,000 gallons per day. • Dry weather flows infiltrate underlying beach sand prior to flowing into the lagoon.
3	San Clemente	Poche Beach Water Reclamation Project	<ul style="list-style-type: none"> • Install a low-flow diversion system to address bacteria water quality issues at Poche Beach. • Located at outfall point of the 4,436-acre Poche Beach subwatershed. • Operational year-round; will divert all dry weather runoff from Prima Deshecha and Cascadita storm drains. • Treatment via membrane-filtration reverse osmosis. • Will reclaim 500 acre-feet per year for local water supply.
4	Santa Ana	Santa Ana Zoo Stormwater Capture and Diversion (SAZSCAD) Project	<ul style="list-style-type: none"> • Construct a large underground stormwater infiltration system in the primary parking lot of the Santa Ana Zoo. • Construct a smaller underground stormwater infiltration system in the overflow parking lot. • Install a hydrodynamic separation device for pretreatment. • Other features: diversion structure, flow meter system, two vegetated swales, and pervious pavement. • Designed to capture and infiltrate approximately 54 acre-feet per year of stormwater runoff from the 180-acre tributary drainage area.