

2025 Project X Tier 1 Call for Projects – Project Summaries

No	Agency	Project Title	Project Highlights
1	Anaheim	Stormwater Catch Basin Screen Installation Project - Phase VI	The City of Anaheim proposes to retrofit 100 existing storm drain catch basins at high-traffic, priority sites throughout the City of Anaheim watershed and storm drain system with 18 CPS, 30 FTC, and 54 BIS units. The improvements target broken or frequently overwhelmed ARS and will protect the Carbon Creek, City of Westminster, and Santa Ana River watersheds.
2	Irvine	Catch Basin Connector Pipe Screen Installation Project - Phase 5	The City of Irvine proposes to install 600 CPS in catch basins at various locations in Planning Areas 5 (Northwood Point), six (Portola Springs), nine (Woodbury), and 51 (Great Park). The proposed CPS locations were selected considering several factors such as development areas, increased vehicle/pedestrian traffic, the absence of stormwater treatment by a natural treatment system, drainage from PLU areas, and drainage to downstream receiving waters listed in the Clean Water Act.
3	Mission Viejo	Trash and Runoff Abatement Project: Citywide 2025	The City of Mission Viejo proposes to install 32 CPS and 116 ARS in catch basins located citywide. This project targets PLU areas and will reduce stormwater pollution that drain to either Aliso Creek or San Juan Creek watersheds by capturing trash and pollutants on arterial roadways.
4	Newport Beach	Newport Harbor Trash Rover 2.0	The City of Newport Beach proposes to deploy a second trash rover as an expansion of the existing Newport Harbor Trash Rover Project, continuing efforts to improve water quality and reduce trash and debris in Newport Harbor. The first rover was launched in February 2025, and the addition of a second unit will increase the coverage area for collecting floating debris. In conjunction with previously installed catch basin screens, continuous deflection separators, marina trash skimmers, and debris booms, the trash rover will be deployed in Newport Harbor and capture floating trash and debris entering from storm drain systems and creeks.
5	Orange	White Oak Ridge & Palmyra Avenue Water Quality Storm Drain Improvement Project	The City of Orange proposes to install one HDS and five CPS. The HDS would be located in the existing storm drain system that ultimately discharges into Handy Creek, collecting runoff from Watershed 19 as described in the City of Orange Master Plan of Drainage. The CPS would be installed within Watershed 17 on Palmyra Avenue and Main Street.
6	San Clemente	Inland Residential and Rancho San Clemente Industrial Runoff Treatment Project	The City of San Clemente proposes to install 119 CPS-Mod systems, four GITS, and 264 ARS-CL Curb Screens in catch basins located on 284 acres of PLU, including retail areas, medium- and high-density residential neighborhoods, and portions of the Rancho San Clemente Industrial Park. These areas also drain to sensitive downstream resources such as the Poche/Prima Deshecha Watershed, coastal canyons, and the largely undeveloped San Mateo Creek Watershed.
7	San Juan Capistrano	San Juan Capistrano High Priority CPS Screen Installation - 2025	The City of San Juan Capistrano proposes to install 130 CPS units in catch basins located in high-density residential, commercial, and transit-heavy areas that contribute to transportation-related pollutants impacting the San Juan Creek Watershed. The selected locations coincide with PLU zones and major roadways, including 12 bus stops, and are designed to prevent trash and debris 5mm or larger from entering the MS4 system, helping the City of San Juan Capistrano meet Clean Water Act standards and improve downstream water quality.
8	Seal Beach	5th Street at Electric Avenue Stormwater Treatment Project	The City of Seal Beach proposes to install one HDS and one ARS to efficiently redirect flow into the HDS with a bypass extension reconnecting to the Electric Avenue drainage system. Designed to improve stormwater quality, the project will enhance drainage capacity across a 37.3-acre tributary area contributing to the West End Pump Station in a low-lying coastal neighborhood.

Acronyms

ARS - Automatic Retractable Screen

BIS - Brush Inlet Screen

CPS - Connector Pipe Screen

FTC - Full Trash Capture Unit

GITS - Grated Inlet Trash Screen

HDS - Hydrodynamic Separator

Mod - Modular

MS4 - Municipal Separate Storm Sewer System

PLU - Priority Land Use