



# CONSTRUCTION NETWORK

Connecting Owners to AEC and CM Industries

## Water & Sanitation Districts

*Capital Project Updates &*

*Contracting Opportunities*

**May 21, 2024**

John Vrsalovich

*Construction Contracts Unit Manager*

**Metropolitan Water District of Southern California**

Jeff Smyth, P.E.

*Engineering Manager*

**East OCWD**

Rosanne Weston, PE, PMP

*Engineering Manager*

**Yorba Linda Water District**

Samuel Espinoza

*Departmental Engineer - Engineering Department*

**LA County Sanitation**

Raul Cuellar, P.E.

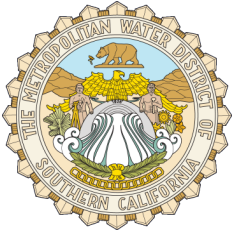
*Engineering Manager – Construction Management Division*

**Orange County Sanitation District**

Taryn Kjolsing, P.E.

*Engineering Manager*

**South Coast Water District**



# Metropolitan Water District of Southern California

## Future Construction and Procurement Contract Construction Contracts Unit

### **Specifications No. 1993: Jensen Technology Infrastructure Upgrades**

**Cost Range:** \$11M - \$15M                      **Location:** Granada Hills, CA

**Description:** Upgrade the existing security system including a video camera system, software and servers, lighting, and window blast/break-resistant film; provide and test approximately 6,200 linear feet of fiber optic cable.

**Work Activities:** Demolition, concrete, electrical, security, low voltage, and networking systems.

**Estimated Advertise Date:** May 2024

### **Specifications No. 2082: Delta Infrastructure Improvements-Phase 5**

**Cost Range:** \$210,000 - \$240,000                      **Location:** San Joaquin and Contra Costa Counties, CA

**Description:** Install Metropolitan-furnished flow meters, dataloggers and telemetry devices.

**Work Activities:** Pipeline and welding.

**Estimated Advertise Date:** June 2024

### **Specifications No. M-3074: Furnishing A Fluorosilicic Acid Tank (FSA) for the Joseph Jensen Water Treatment Plant**

**Cost Range:** \$180,000 to \$240,000                      **Location:** Los Angeles County, CA

**Description:** Furnish a tank, bulkhead fittings, ladder, handrails, clip anchor/cables for seismic restraint.

**Work Activities:** Tank fabrication and delivery.

**Estimated Advertise Date:** June 2024

**Specifications No. M-3065: Headquarters Courtyard and Parking Garage Wi-Fi Upgrades**

**Cost Range:** \$310,000 - \$330,000      **Location:** Los Angeles, CA

**Description:** Install Cat 6 cable at Metropolitan Headquarters for Wi-Fi upgrades.

**Work Activities:** Telecommunications

**Estimated Advertise Date:** June 2024

**Specifications No. 1886: Red Mountain and San Dimas Generators**

**Cost Range:** \$1M - \$1.2M      **Location:** Los Angeles and San Diego Counties, CA

**Description:** Remove existing diesel generators, fuel storage tanks and steel canopies; construct unloading and generator pads, and new steel canopies; and install Metropolitan-furnished generators.

**Work Activities:** Demolition, structural steel, concrete, earthwork, electrical.

**Estimated Advertise Date:** June 2024

**Specifications No. M-3069: DVL Apprentice Training Center Perimeter Fence**

**Cost Range:** \$100,000 - \$200,000      **Location:** Hemet, CA

**Description:** Install perimeter security fences and gates.

**Work Activities:** Fencing, security, and demolition.

**Estimated Advertise Date:** June 2024

**Specifications No. 1935A: Eagle Mountain and Hinds Utility Replacement**

**Cost Range:** \$17M - \$19M                      **Location:** Riverside County, CA

**Description:** Replace the potable and non-potable water distribution piping systems, the wastewater piping, and the asphalt pavement including grading and drainage improvements.

**Work Activities:** Demolition, grading, paving, excavation, mechanical.

**Estimated Advertise Date:** June 2024

**Specifications No. 2006: Right of Way Infrastructure Protection Program - San Bernardino County Pipelines - West - Stage 2**

**Cost Range:** \$1.7M - \$2.3M                      **Location:** San Bernardino County, CA

**Description:** Demolish an existing concrete channel and remove debris, remove and install chain link fencing and gates, place fill material, and perform site grading, access improvements, drainage and erosion control improvements, and hydroseeding.

**Work Activities:** Demolition, concrete, rebar, fencing, grading.

**Estimated Advertise Date:** June 2024

**Specifications No. 2062: Desert Microwave Upgrade Project**

**Cost Range:** TBD                                      **Location:** Riverside and San Bernardino Counties, CA

**Description:** Install and test Metropolitan-furnished microwave radios, antennas, feedhorns, mounts, and waveguide at 20 sites.

**Work Activities:** Low voltage

**Estimated Advertise Date:** June 2024

**Specifications No. 2081: Playground Shade Structures and Fencing at Hinds, Eagle and Iron Mountain Pumping Plants**

**Cost Range:** \$340,000 - \$360,000      **Location:** San Bernardino and Riverside Counties, CA

**Description:** Replace fencing and install new sunshade structures at Metropolitan employee housing villages.

**Work Activities:** Demolition, fencing, and shade structures.

**Estimated Advertise Date:** June 2024

**Specifications No. 1952: West Orange County Feeder Cathodic Protection**

**Cost Range:** \$500,000-\$700,000      **Location:** Anaheim and Garden Grove, CA

**Description:** Install impressed cathodic protection systems including three 400-foot deep ground-bed anode wells, electric service cabinets and rectifiers, and perform site restoration.

**Work Activities:** Cathodic protection, drilling, trenching, electrical, concrete, asphalt.

**Estimated Advertise Date:** July 2024

**Specifications No. 1983: Sepulveda Feeder Drain Station**

**Cost Range:** \$270,000 - \$300,000      **Location:** Los Angeles and Hawthorne, CA

**Description:** Replace stray current mitigation systems.

**Work Activities:** Demolition, pavement, drilling, excavation and anode wells.

**Estimated Advertise Date:** July 2024

**Specifications No. 2055: Lake Mathews Aboveground Storage Tank Replacement**

**Cost Range:** \$200,000 - \$300,000      **Location:** Riverside County, CA

**Description:** Furnish and install a new 7,500-gallon diesel fuel tank and fuel dispensing system.

**Work Activities:** Demolition, concrete, reinforcing steel, welding, electrical, mechanical, and pipeline.

**Estimated Advertise Date:** July 2024

**Specifications No. 2075: Cabazon Radial Gate Facility Improvements**

**Cost Range:** \$6.5M - \$7.0M      **Location:** Highland, CA

**Description:** Furnish and install approximately 2,150 feet of 54-inch pipe, and valves for a new intertie.

**Work Activities:** Excavation, shoring, pipeline, general labor, site restoration, mechanical, welding and disinfection.

**Estimated Advertise Date:** July 2024

**Specifications No. 2008: CRA Pumping Plants Sump Rehabilitation**

**Cost Range:** \$13M - \$15M      **Location:** San Bernardino and Riverside Counties, CA

**Description:** Install Metropolitan-furnished pumps and replace concrete, structural supports, platforms, grating, handrails, sump covers, pumps, motors, valves, pipes, lighting, and ventilation.

**Work Activities:** Demolition, concrete, reinforcing steel, welding, lighting, electrical, mechanical and ventilation.

**Estimated Advertise Date:** August 2024

**Specifications No. 1947: Copper Basin Reservoir Valve Replacement**

**Cost Range:** \$14M - \$15M

**Location:** San Bernardino, CA

**Description:** Remove an existing discharge valve and actuator and install a Metropolitan-furnished 54-inch fixed cone valve and actuator.

**Work Activities:** Demolition, grading, mechanical, and electrical.

**Estimated Advertise Date:** September 2024

**Specifications No. 1869: Foothill Power Plant Rehabilitation - Control System Upgrade**

**Cost Range:** \$7.5M - \$8.0M

**Location:** Castaic, CA

**Description:** Provide electrical improvements, control components, instrumentation, and vibration monitoring.

**Work Activities:** Demolition, electrical, wiring, mechanical, pipeline, programming.

**Estimated Advertise Date:** November 2024

The East Orange County Water District serves portions of Unincorporated North Tustin, the City of Tustin, and the City of Orange with wholesale and retail domestic water and wastewater collections services.

## Construction Opportunities

Project Description	System	Recommended Budget
Reservoir Management Systems	WZ	\$1,500,000
Automated Meter and System Installation	RZ	\$1,200,000
Hinton and St. Jude Pipeline	RZ	\$500,000
Manhole Additions, Raising, Frames & Covers	SS	\$500,000
Cure-in-place pipe installation	SS	\$300,000
Vista Panorama Pump Station Replacement	RZ	\$250,000
Wholesale Reservoir Backup Power	WZ	\$250,000
Valve and Hydrant Replacements	RZ/WZ	\$200,000
East Well Pump and Motor Rehabilitation	RZ	\$200,000
Daniger Pump Station Upgrades	RZ	\$200,000
6MG Reservoir - Pipeline and Vault Improvements	WZ	\$200,000
Manhole Rehabilitation/Replacement	SS	\$100,000
Fallen Leaf Sewer Rehab	SS	\$100,000
Orange Knoll PRV Station Replacement	RZ	\$75,000
6MG Equipment Canopy	All	\$75,000
6MG Site Additional Storage	All	\$20,000

## Engineering/Planning Opportunities

Project Description	System	Recommended Budget
Master Plan Updates	RZ/WZ	\$300,000
Hazard Mitigation Plan Update	All	\$200,000
SSMP and Spill Response Plan Update	SS	\$200,000
AWIA Update	All	\$150,000
4" Main Replacement/Abandonment on Hewes/Fowler	RZ	\$100,000
Springwood Drive Pipeline Improvement	RZ	\$100,000
Barrett to Cresthaven Pipeline	RZ	\$75,000

## Equipment Opportunities

Equipment Description	System	Recommended Budget
Class 2 EV Work Truck	All	\$75,000
Sewer CCTV Camera	SS	\$44,000

### Systems

RZ – Retail Zone

WZ – Wholesale Zone

SS – Sewer



**Yorba Linda Water District CIP 5-Year Construction Projects (Construction Estimates) - Updated May 2024**

<b>PROJECT NAME</b>	<b>FY24-25</b>	<b>FY25-26</b>	<b>FY26-27</b>	<b>FY27-28</b>	<b>FY28-29</b>
<b>Water Projects</b>					
Waterline Projects					
Well Rehabilitation (Wells No. 1, 18)	\$ 4,600,000	\$ 250,000	\$ 750,000	\$ 300,000	\$ 300,000
Santiago BPS Rehab. & Natural Gas Back Up Generator	\$ 420,000	\$ 1,800,000			
5 Pressure Regulating Stations	\$ 1,150,000				
Well Rehabilitation (Wells No. 10 and 21)		\$ 420,000			
Well Rehabilitation (Well No. 12)			\$ 200,000		
Yorba Linda Booster Pump Station Rehab. & Natural Gas Back Up Generator			\$ 1,150,000		
Lakeview Booster Pump Station Rehab. & Natural Gas Back Up Generator				\$ 150,000	\$ 500,000
Little Canyon Reservoir Motor Operated Valve		\$ 225,000			
Well VFD Upgrades (Wells No. 20, 21, 22)	\$ 70,000	\$ 580,000	\$ 325,000		
Well 23 Drilling			\$ 1,000,000		
Well 23 Equipping, Transmission Line and Waste Line				\$ 8,800,000	
Fairmont Reservoir Rehabilitation		\$ 1,000,000			
Golden Avenue Waterline - Pending City's Bridge Construction Schedule		\$ 300,000			
Green Crest Sewer Lift Station (USEPA Grant Project)	\$ 700,000				
<b>Water Projects Total</b>	<b>\$ 7,240,000</b>	<b>\$ 4,275,000</b>	<b>\$ 3,425,000</b>	<b>\$ 9,250,000</b>	<b>\$ 800,000</b>
<b>Sewer Projects</b>					
Buena Vista Sewer Main Improvements				\$ 2,260,000	
Kellogg Dr. Sewer Main Upsize		\$ 4,000,000			
FY25-26 Sewer CIPP Rehabilitation Project		\$ 400,000			
FY27-28 Sewer CIPP Rehabilitation Project				\$ 500,000	
Green Crest Sewer Lift Station and Force Main (USEPA Grant Project)	\$ 900,000				
<b>Sewer Projects Total</b>	<b>\$ 900,000</b>	<b>\$ 4,400,000</b>	<b>\$ 3,425,000</b>	<b>\$ 2,760,000</b>	<b>\$ -</b>
<b>Subtotal Water and Sewer Budget</b>	<b>\$ 8,140,000</b>	<b>\$ 8,675,000</b>	<b>\$ 3,425,000</b>	<b>\$ 12,010,000</b>	<b>\$ 800,000</b>
<b>Total 5-Year Construction Budget</b>	<b>\$ 33,050,000</b>				

<https://www.ylwd.com/about/projects/>



## CAPITAL IMPROVEMENT PROJECTS (FY 2024/2025)

### SEWER PROJECTS (TOTAL BUDGET \$117,612,000M)

Project Name	Approx. Advertise Date	Budget
District 32 Main Trunk Sewer Rehabilitation	May-24	\$2,950,000
Joint Outfall C Unit 5C Trunk Sewer Rehabilitation	May-24	\$1,260,000
Soledad Canyon Trunk Sewer Rehabilitation	Jun-24	\$2,700,000
Joint Outfall G Unit 9 Trunk Sewer Rehab Ph V	Jul-24	\$5,220,000
Joint Outfall C Units 8C and 8D Trunk Sewer Rehabilitation	Jul-24	\$6,400,000
Marina Trunk Sewer Section 1A Relief	Jul-24	\$2,075,000
Worsham Creek Relief Trunk Sewer Section 1	Jul-24	\$1,280,000
District 22 Trunk Sewers Group 4 Rehabilitation	Jul-24	\$4,850,000
Herondo Street Pumping Plant Force Main Upgrades	Aug-24	\$980,000
District 20 Trunk Sewers Group 3 Rehabilitation	Aug-24	\$2,450,000
Bloomfield Pumping Plant Force Main Upgrades	Sep-24	\$3,400,000
Western Avenue Pumping Plant Force Main Upgrades	Oct-24	\$1,750,000
San Jose Creek WRP Interceptor Sewer Rehabilitation Phase III	Oct-24	\$3,700,000
Marina Pumping Plant No. 2 Force Main Upgrades	Oct-24	\$1,300,000
Joint Outfall H - Unit 9C Trunk Sewer Rehabilitation Phase I	Oct-24	\$5,700,000
Joint Outfall D Unit 4 Trunk Sewer Rehabilitation	Nov-24	\$9,910,000
District 21 Interceptor Sewer Rehabilitation Phase II	Nov-24	\$14,900,000
Joint Outfall H - Unit 9C Trunk Sewer Rehabilitation Phase II	Nov-24	\$4,100,000
Joint Outfall A Unit 3C Trunk Sewer Rehabilitation Phase 3	Dec-24	\$9,262,000
Joint Outfall H - Unit 9C Trunk Sewer Rehabilitation Phase III	Dec-24	\$3,740,000
District 01 Trunk Sewers Group 2 Rehabilitation	Jan-25	\$4,350,000
South Bay Cities Main Trunk Sewer Rehabilitation	Jan-25	\$8,680,000
District 20 Trunk Sewers Group 4 Rehabilitation	Feb-25	\$4,200,000
Joint Outfall G Unit 8 Trunk Sewer Rehabilitation Phase II	Mar-25	\$4,530,000
South Bay Cities Trunk Sewers Group 1 Rehabilitation	Mar-25	\$1,050,000
District 29 Trunk Sewers Group 1 Rehabilitation	Apr-25	\$675,000
Joint Outfall B - Unit 8G Trunk Sewer Rehabilitation	Apr-25	\$6,200,000

### SOLID WASTE PROJECTS

Calabasas Landfill Gas Collection System - 2023	Apr-25	\$2,400,000
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### WASTEWATER PROJECTS (TOTAL BUDGET \$164,940,000M)

Gardena Pumping Plant Facility Upgrades	Jul-24	\$57,900,000
Marina Pumping Plant No. 2 Site Improvements	Jul-24	\$2,740,000
San Jose Creek WRP Stages I & II Concrete Repair & Biotrickling Filters	Oct-24	\$45,700,000
Saugus WRP Security Fencing and Improvements	Oct-24	\$4,500,000
San Jose Creek WRP Central Plant Chiller Replacement	Dec-24	\$3,500,000
Warren Facility East Laboratory Building Biosafety Improvements	Dec-24	\$1,400,000
Whittier Narrows WRP Influent Pump Station Replacement	Mar-25	\$42,300,000
Warren Facility Truck Loading Station Improvements	Mar-25	\$6,500,000
Joint Administration Office Replacement of Air Handler No. 3	Apr-25	\$400,000





## ENGINEERING DEPARTMENT ON-CALL CONTRACTS

### CIVIL & MECHANICAL DESIGN ENGINEERING SERVICES

On-Call Contracts	Contract Budget	Effective Date	Anticipated Contract Duration
4 Consultants	\$6,000,000	2/24/2021	3 Yrs or until expended
5 Consultants	\$10,000,000	6/26/2024	3 Yrs or until expended

### SEWER DESIGN ENGINEERING SERVICES

5 Consultants	\$10,000,000	1/11/2023	3 Yrs or until expended
5 Consultants	\$10,000,000	Upcoming	3 Yrs or until expended

### SURVEY SERVICES

4 Companies	\$2,000,000	4/1/2024	3 Yrs or until expended
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### CONSTRUCTION MANAGEMENT SERVICES

6 Consultants	\$9,000,000	10/26/2023	3 Yrs or until expended
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### GEOTECHNICAL SERVICES

5 Consultants	\$5,000,000	9/13/2023	3 Yrs or until expended
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### CONSTRUCTION INSPECTION SERVICES

5 Companies	\$7,500,000	3/9/2022	3 Yrs or until expended
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### SUBSTRUCTURE VERIFICATION SERVICES

4 Companies	\$4,000,000	5/11/2022	3 Yrs or until expended
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### ELECTRONIC BIDDING

The Sanitation Districts use Quest CDN for electronic bidding.

Link to Construction Projects: [www.lacsd.org/constructionbids](http://www.lacsd.org/constructionbids)

Link to Other Purchasing Projects: [www.lacsd.org/bids](http://www.lacsd.org/bids)

Quest CDN Customer Support: (952) 233-1632

### MORE INFORMATION

#### SEWERS:

**Mathew Watson**, Supervising Engineer

EMAIL: [mathewwatson@lacsd.org](mailto:mathewwatson@lacsd.org)

PHONE: (562) 908-4288, Ext. 1620

#### WASTEWATER:

**Paul Mikulas**, Supervising Engineer

EMAIL: [pmikulas@lacsd.org](mailto:pmikulas@lacsd.org)

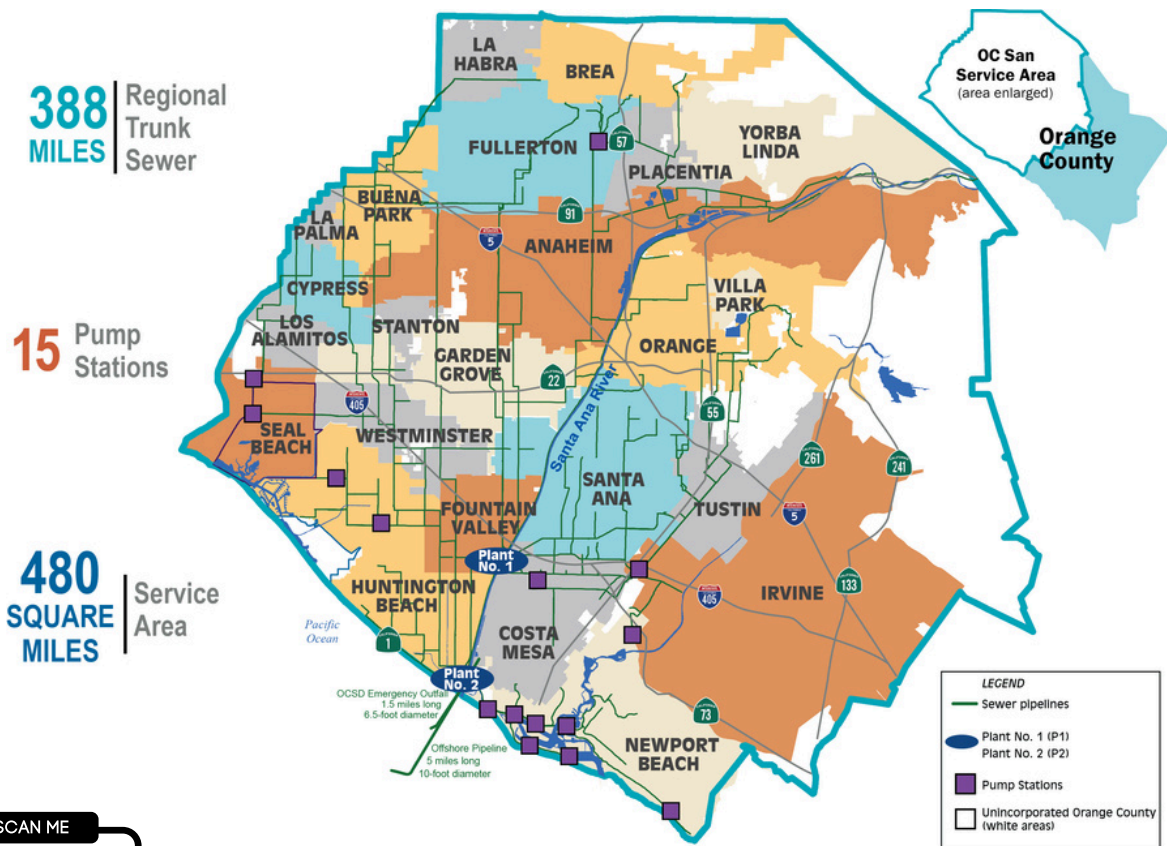
PHONE: (562) 908-4288, Ext. 2175



# OC SAN Capital Improvement Program



The Orange County Sanitation District (OC San) is one of the largest regional wastewater agencies on the west coast. We provide wastewater collection, treatment, and recycling services for 2.6 million people in central and northern Orange County, California.



Scan the QR code or visit [www.ocsan.gov/doingbusiness](http://www.ocsan.gov/doingbusiness) for general information and to view current and upcoming design proposal and construction bid opportunities.

714.962.2411  
forinformation@ocsan.gov  
www.OCSan.gov





# OC San Capital Improvement Program

The Capital Improvements Program (CIP) supports OC San's commitment to provide a reliable service to our ratepayers, expand resource recovery, and repair and replace aging infrastructure. The ten-year CIP budget for Fiscal Years 2024-25 through 2033-34 is currently valued at \$3.25 billion.

For a complete list of upcoming opportunities and project descriptions, visit [www.ocsan.gov/doingbusiness](http://www.ocsan.gov/doingbusiness) and select "Upcoming Bid & RFP Opportunities" under Additional Resources.



## Upcoming Proposal Opportunities

Project No.	Project Title	Advertise Date	Construction Estimate
P1-138	Industrial Control System and IT Data Center Relocation at Plant No. 1	Sep 2024	\$4.3M
P2-140	Truck Loading Bay Odor Control Improvements	Oct 2024	\$4.4M
2-73	Fullerton - Placentia Sewer Facilities Demolition and Rehabilitation	Jan 2025	\$12.4M
7-63	MacArthur Pump Station Rehabilitation	Jan 2025	\$9.3M
J-133	Laboratory Replacement	Jan 2025	\$59.6M
J-138	Central Generation Facilities and OOBS Seismic Upgrades	Jan 2025	\$10.7M
P2-141	Headworks Electrical Distribution Improvements	Mar 2025	\$34.7M



## Upcoming Construction Bid Opportunities

Project No.	Project Title	Advertise Date	Construction Estimate
P2-128A	South Perimeter Wall and Soil Improvements	May 2024	\$25.8M
3-64C	Los Alamitos Sub-Trunk and Westside Relief Interceptor Rehabilitation	May 2024	\$29M
J-98	Electrical Power Distribution System Improvements	Jun 2024	\$13.5M
5-67	Bay Bridge Pump Station Replacement	Aug 2024	\$90.1M
P2-137	Digesters Rehabilitation at Plant No. 2	Nov 2024	\$17M
P1-137	Supports Building Seismic Improvements at Plant No. 1	Dec 2024	\$17.2M
P2-135	Chemical Systems Rehabilitation at Plant No. 2	Mar 2025	\$4.4M
1-23	Santa Ana Trunk Sewer Rehabilitation	Apr 2025	\$31.6M
P1-142	Trickling Filter Rehabilitation at Plant No. 1	May 2025	\$33.9M

OC San Plant No. 1  
10844 Ellis Avenue, Fountain Valley, CA 92708

OC San Plant No. 2  
22212 Brookhurst Street, Huntington Beach, CA 92646



# UPCOMING PROJECTS



## PROJECT

## BUDGET

## ANTICIPATED BID DATE

### WATERLINE REPLACEMENT AT CAMEL POINT

**\$900K**

**JULY 2024**

Replaces 400 LF of 6" Ductile Iron pipe with 6" PVC pipe, 11 services, and 1 fire hydrant on Camel Point Dr. in Laguna Beach.

### COASTAL RECYCLED WATER EXPANSION PROJECT

**\$4.4M**

**APRIL 2025**

Expansion of recycled water system to include new services around PCH and Selva Rd.

### CREEKSIDE WELL GROUNDWATER RECOVERY PROJECT

**\$650K**

**AUGUST 2025**

Equipping an existing groundwater well to increase supply to the District's Groundwater Recovery Facility.

### DEL OBISPO RECYCLED WATER PROJECT

**\$5.6M**

**SEPTEMBER 2025**

Expansion of recycled water system to include new services around Del Obispo and Stonehill Drive.

### LIFT STATION 11 REPLACEMENT

**\$875K**

**SEPTEMBER 2025**

Relocates and replaces the existing Embarcadero Lift Station at Dana Point Harbor.

### PCH PRESSURE REDUCING VALVE UPGRADES PROJECT

**\$575K**

**OCTOBER 2025**

Upgrades the pressure reducing valve (PRV) located on Dana Point Harbor Drive at Pacific Coast Highway to provide fire flow to the Harbor.

