

Orange County Sanitation District Capital Improvement Program Updates

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Construction Network

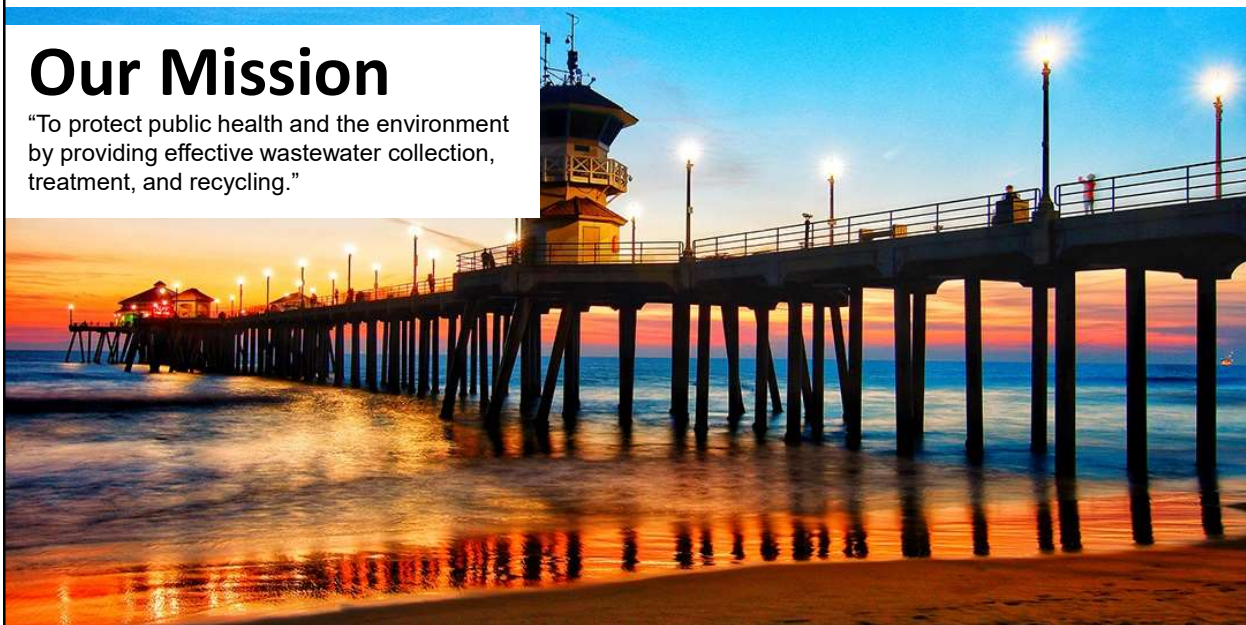
June 16, 2022



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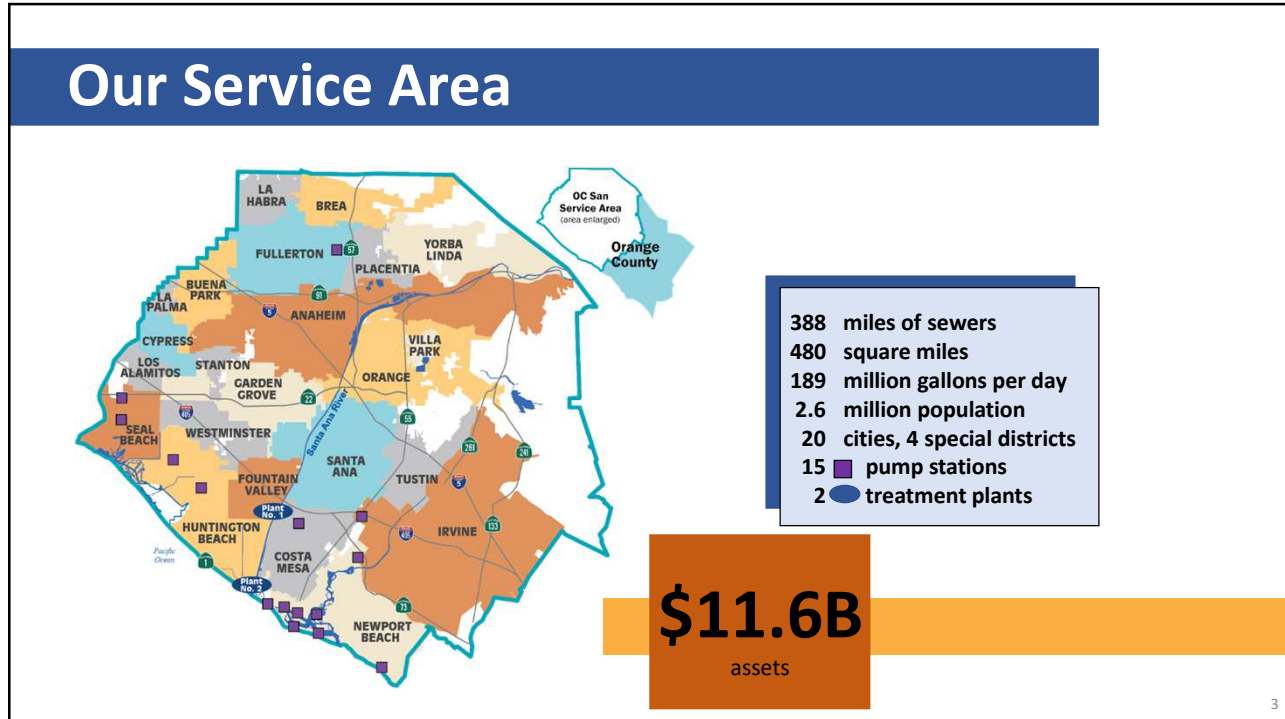
Our Mission

“To protect public health and the environment by providing effective wastewater collection, treatment, and recycling.”

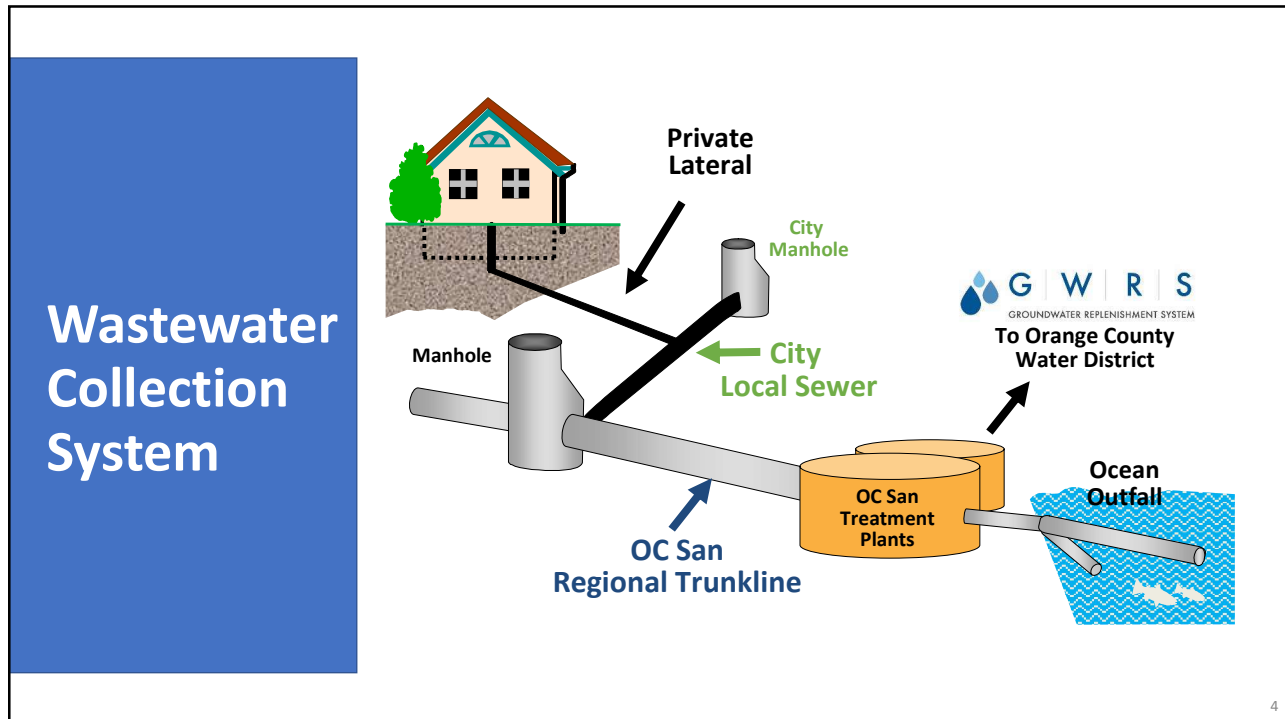


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Our Facilities



Reclamation Plant No. 1
Fountain Valley



Treatment Plant No. 2
Huntington Beach

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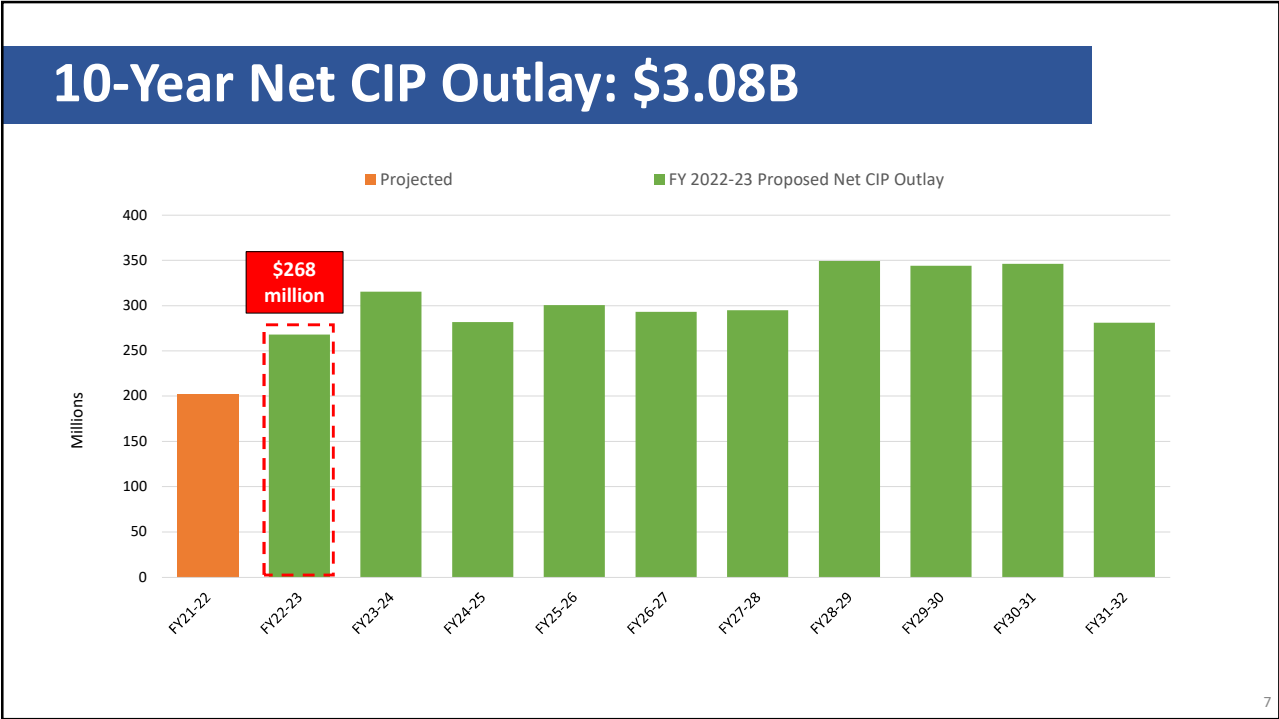
Capital Improvement Program

- Replace and maintain aging facilities – Asset Management
- Groundwater Replenishment System (GWRS) Expansion
- Comply with regulatory requirements
- Improve levels of service, especially odor control

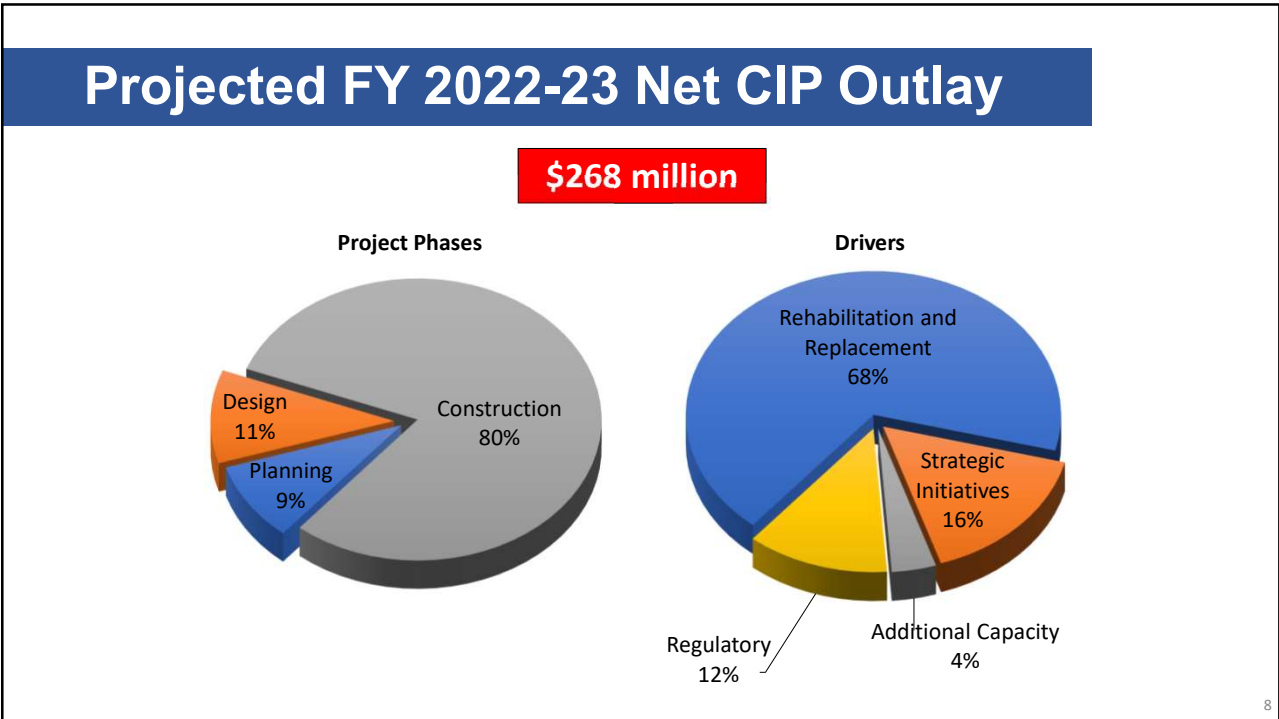


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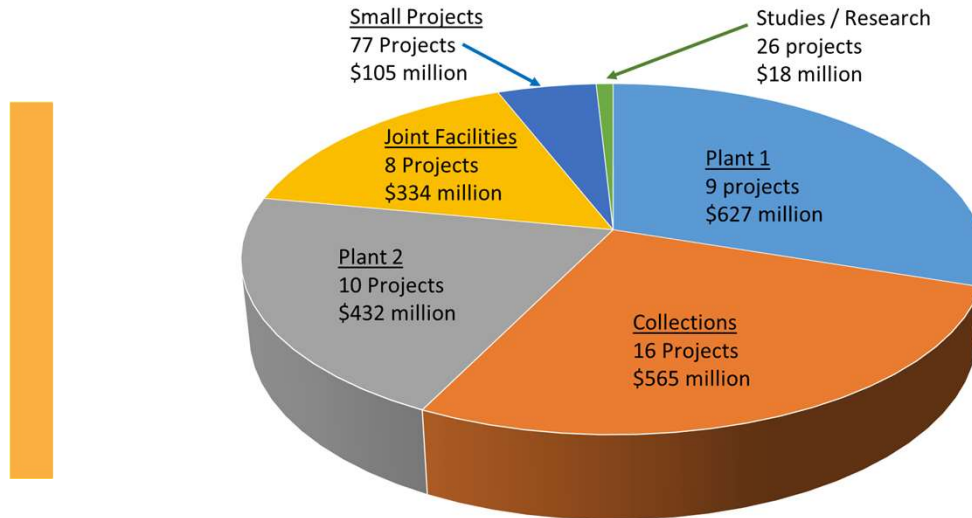


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Active OC San Projects



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Contract Types

1. Design/Planning Study Contracts
Individual Basis, RFP selection
2. Construction Contracts – Design/Bid/Build
Public Bid, Lowest Responsive Bidder
3. Specialty On-Call Contracts –
Every 3 years, up to \$300K per task
 - Planning Study – Awarded 2020, Next 2023
 - Small Project Task Order Design – Awarded 2021, Next 2024
 - Survey, Geotechnical, Corrosion – Awarded 2022, Next 2025
 - 7-pack Contractors (Repairs) – Awarded 2021, Next 2024
4. Supplemental Engineering Services – Awarded 2022, Next 2026
5. Special Case: 3rd Party CM – Headquarters Building

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2021 & 2022 Design & Construction Contracts

2021	2022
Professional Design Services 7 Contracts – Approx. \$18 Million	Professional Design Services 12 Contracts – Approx. \$60 Million
Design Task Orders 12 Task Orders – Approx. \$1.8 Million	Design Task Orders 4 Task Orders – Approx. \$800K (As of May 2022)
Construction Contracts 36 Contracts – Approx. \$590 Million	Construction Contracts 28 Contracts – Approx. \$50 Million

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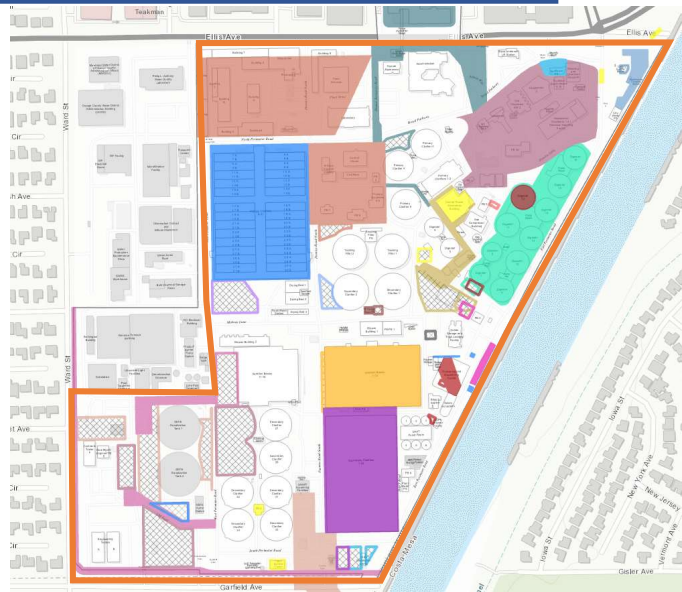
Plant No. 1 Projects – Fountain Valley

12 Active Construction Projects

- P1-105: Headworks Rehabilitation
- P1-128A: Headquarters Complex

Future Projects

- Next 2 Years:
16 Projects / ~\$16M
- Next 5 Years:
23 Projects / ~\$350M

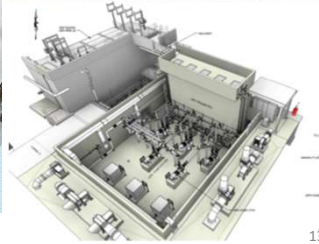


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Headworks Rehabilitation



- \$223M Construction Cost
- Winter 2028 Completion



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Headquarters Complex



- \$102M Construction Cost
- December 2023 Completion



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Primary Basins Replacement



1960 Today Project Elements

- Early Design
- ~\$120M Estimated Construction Cost
- Construction Winter 2026 to Fall 2031



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Plant No. 2 Projects – Huntington Beach



14 Active Construction Projects

- GWRS System Projects
- P2-98A: Primary Clarifiers Replacement
- P2-122: Headworks Modifications

Future Projects

- Next 2 Years:
13 Projects / ~\$60M
- Next 5 Years:
20 Projects / ~\$500M

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Groundwater Replenishment System



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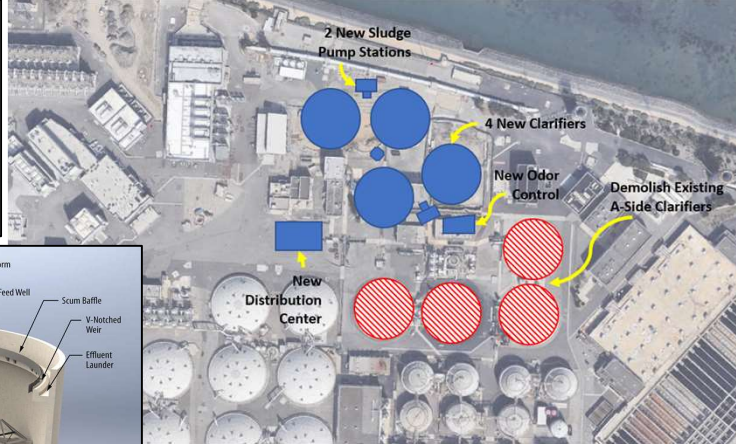
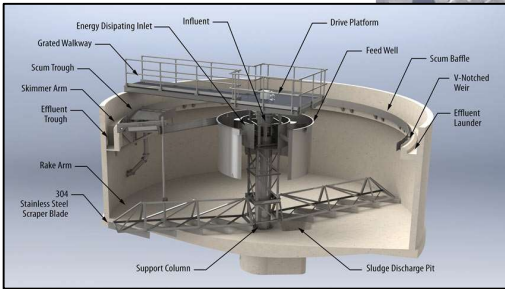
GWRS Final Expansion



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Primary Clarifiers Replacement

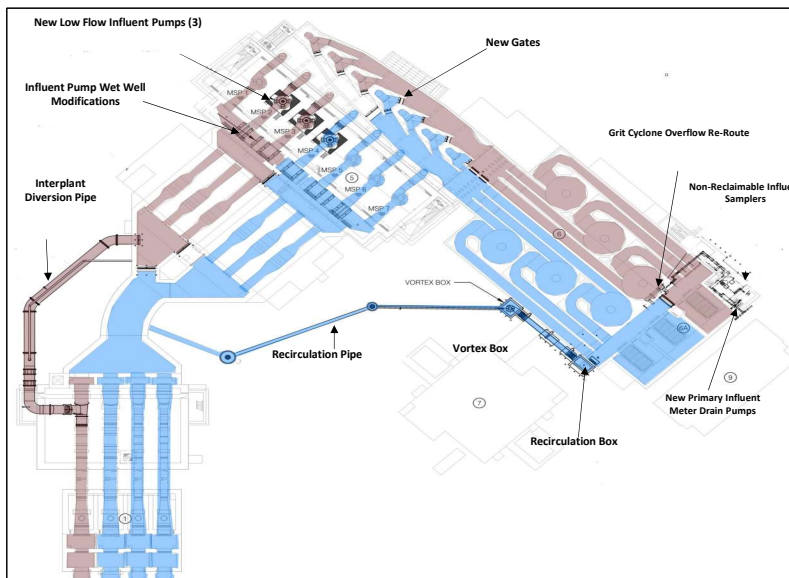


- \$112M Construction Cost
- Winter 2026 Completion

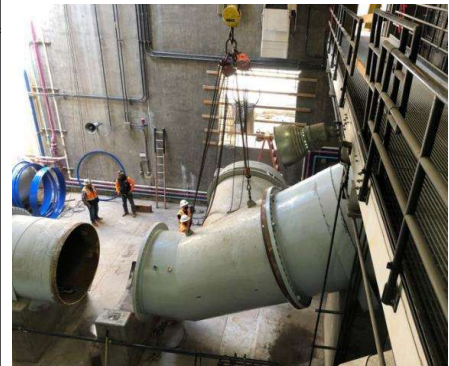
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Headworks Modifications



- \$15M Construction Cost
- December 2022 Completion



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Temp-Phased Anaerobic Digesters



- Preliminary Design Complete
- ~\$320M Construction Cost
- Construction Spring 2024 thru Fall 2030

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Joint Projects – P1 & P2



3 Active Construction Projects

- J-117B: Outfall Low Flow Pump Station

Future Projects

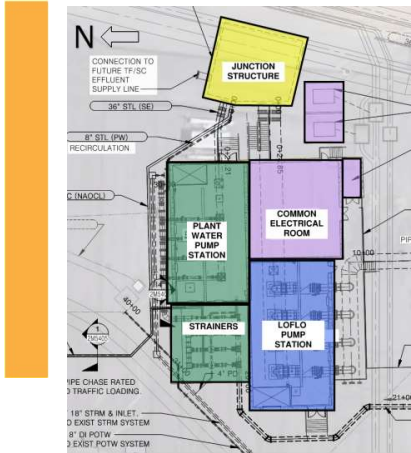
- Next 2 Years:
4 Projects / ~\$16M
- Next 5 Years:
7 Projects / ~\$150M

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Outfall Low Flow Pump Station

- \$91M Construction Cost
- Spring 2025 Completion



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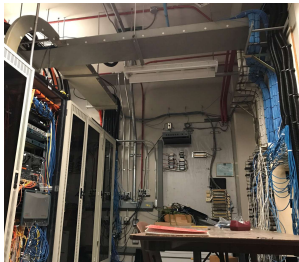
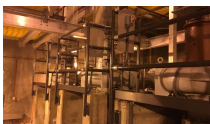
Small Projects

Project Types

- Range from \$100K - \$5M
- Repairs & Rehabilitation
- Replacements
- Improvements

Locations

- Plant No. 1
- Plant No. 2
- Joint Facility
- Collections

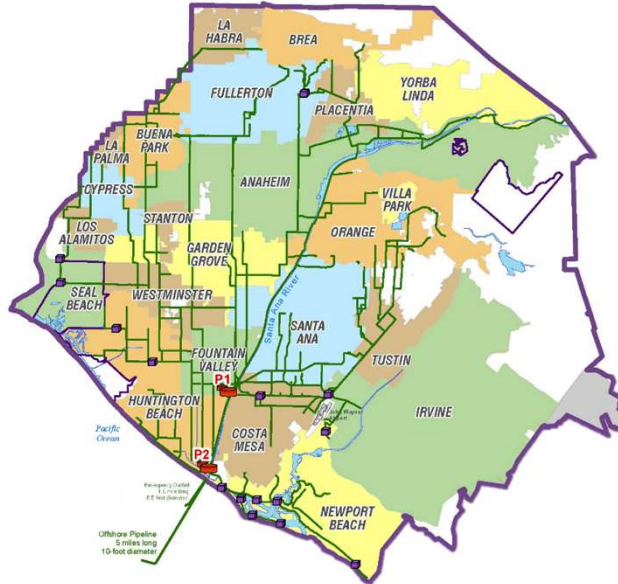


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Sewer Projects

In the cities of:

- Anaheim
- Buena Park
- Costa Mesa
- Fountain Valley
- Fullerton
- La Habra
- La Palma
- Orange
- Placentia
- Santa Ana
- Seal Beach
- Tustin
- Villa Park
- Westminster



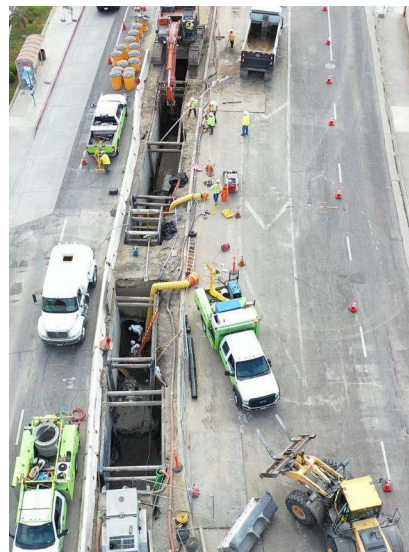
Future Projects (Sewers and Pump Stations)

- Next 2 Years:
14 Projects / ~\$220M
- Next 5 Years:
20 Projects / ~\$320M

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Westminster Blvd. Sewer Project

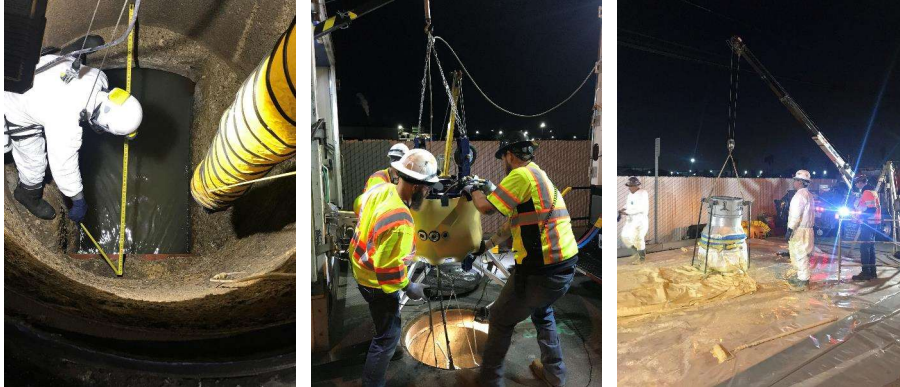


- Cities of Seal Beach and Westminster
- Nearly 3 miles dual force main replacement (36" Diameter)
- In construction – Open cut, CIPP and slip-lining and rehabilitation
- Construction Contract – \$28.7M
- Construction complete Winter 2023

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Los Alamitos Trunk Sewer



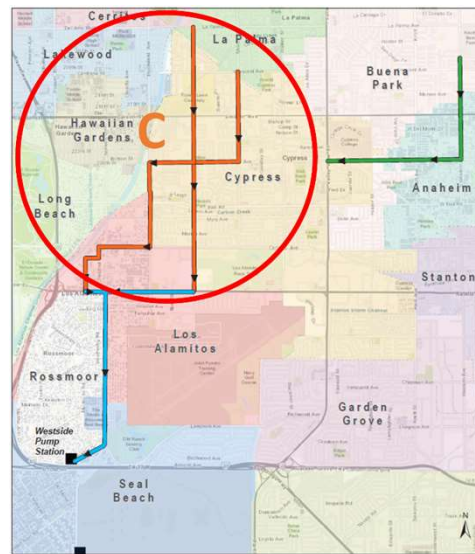
- Cities of Los Alamitos and Seal Beach
- In construction – Rehabilitation (CIPP, grout injection, manhole rehab)
- Construction Contract Budget – \$17.8M
- Construction complete Winter 2023

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Los Alamitos Sub-Trunk & Westside Relief Interceptor

- Cities of Cypress and Los Alamitos
- Rehabilitation (CIPP, grout injection, manhole rehab)
- Replacement (pipe bursting, open cut)
- Construction Contract Budget ~ \$40M
- Construction NTP July 2023



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Gisler-Redhill Interceptor and Baker Force Mains

ELEMENT 1 & 2
Rehabilitation of VCP gravity sewer and manhole structures (Gisler-Redhill Interceptor)

ELEMENT 3
Manhole BKR0020-0155 access improvements

ELEMENT 4 & 6
Pipe replacement & valve vault improvements

ELEMENT 5
Force Main rehabilitation (Baker Force Mains)

- Design complete
- Construction Contract Budget – \$33M
- Construction Start: January 2023

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Pump Station Replacements

- Seal Beach Pump Station (Seal Beach)
- Edinger Pump Station (Huntington Beach)
- Bay Bridge Pump Station (Newport Beach)

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Seal Beach Pump Station Replacement

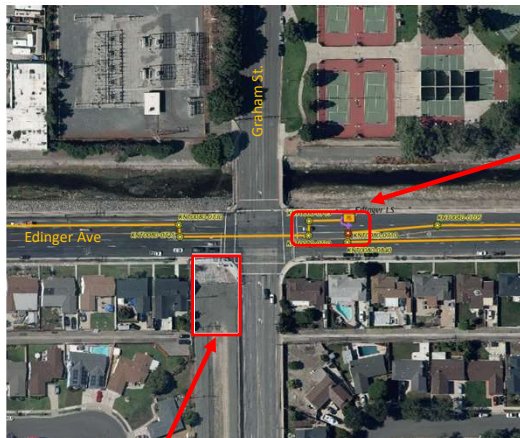


- Design mostly complete
- Construction Contract Budget – \$57M
- Construction Summer 2023 to Fall 2026

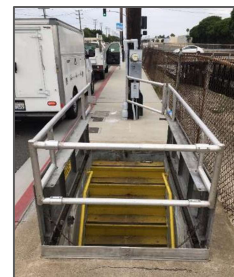
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Edinger Pump Station Replacement



New Location



Existing Pump Station

- Design starts Fall 2022
- Construction Contract Budget – \$7.9M
- Construction Fall 2025 to Winter 2028

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Bay Bridge Pump Station Replacement



- Currently in design
- Construction Contract Budget – \$66M
- Construction Spring 2024 to Fall 2028

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Doing Business with OC San (www.ocsan.gov)



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Bids & RFPs
www.ocsan.gov

Bids and RFPs

Upcoming Proposal Opportunities
Obtain a two-year look ahead of upcoming RFQs and RFPs for Design Consultants, Architects, and Engineering Services.

Upcoming Construction Bid Opportunities
Obtain a list of projects that are currently in design and which may bid within the next two years for Public Works Projects.

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Upcoming Proposal Opportunities

RFP Schedule

Click here for **DESIGN RFP SCHEDULE**

Click here for **PLANNING STUDIES RFP SCHEDULE**

CIP Design Contracts

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Design Services Proposal Opportunities

RFP Date	Project Name	Construction Estimate
Jun 2022	P2-138 Operations and Maintenance Complex at Plant No. 2	\$47,400,000
Jul 2022	P1-140 Activated Sludge-1 and Secondary Clarifier Rehabilitation	\$177,500,000
Jul 2022	P2-135 Sodium Bisulfite Station Rehabilitation at Plant No. 2	\$2,000,000
Jul 2022	P2-136 Activated Sludge Aeration Basin Rehabilitation at Plant No. 2	\$39,400,000
Aug 2022	J-136 Power Building Structural Seismic Improvements at Plant Nos. 1 and 2	\$2,700,000
Oct 2022	P2-129 Emergency Overflow Pipes and Wingwalls Rehabilitation at Plant No. 2	\$2,300,000
Nov 2022	P1-138 Industrial Control System and IT Data Center Relocation at Plant No. 1	\$3,000,000
Jan 2023	3-60 Knott-Miller Holder-Artesia Branch Rehabilitation	\$18,000,000
Jul 2023	7-63 MacArthur Pump Station Rehabilitation	\$5,300,000
Jul 2023	P1-141 Administrative Facilities and Power Building 3A Demolition	\$5,400,000
Dec 2023	J-137 120-inch Ocean Outfall Rehabilitation	\$35,700,000

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Upcoming Construction Bid Opportunities

The screenshot shows the OC SAN website interface. The main navigation bar includes 'SERVICES', 'BUSINESSES', 'RESIDENTS', 'EDUCATION', 'ABOUT US', and 'I WANT TO...'. The 'ABOUT US' menu is expanded, showing options like 'Board of Directors', 'Awards and Honors', 'Transparency', 'Agenda & Minutes', 'Construction Advertising Schedule', 'Design RFP Schedule', 'CEQA Documents', 'Financials', 'Lab', 'Recent Construction Bid Results', 'Research reports', 'Safety and Human Resources Policy', 'Salary & Benefits', 'Sewer Fees', and 'Sewer System Management Plan'. The 'Construction Advertising Schedule' page is displayed, featuring a search bar, social media icons, and a central button with the text 'Click here for CONSTRUCTION ADVERTISING SCHEDULE'. Below this, there are links for 'View Current Bids and RFPs on PlanetBids Vendor Portal' and 'View Upcoming Proposal Opportunities'.

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Construction Bid Opportunities

Advertise Date	Project Name	City/Location	Construction Estimate
Jun 2022	FE20-03 Return Activated Sludge Discharge Piping Replacement at Activated Sludge Plant No. 1	Fountain Valley	\$3,500,000
Jul 2022	7-65 Gisler-Red Hill Interceptor and Baker Force Main Rehabilitation	Irvine, Santa Ana, Costa Mesa	\$33,000,000
Jul 2022	FE18-20 DAFT Air Compressors Replacement at Plant No. 1	Fountain Valley	\$600,000
Jul 2022	FE19-10 Digesters C, D, F, G, and I Gas Balance Lines Replacement at Plant No. 2	Huntington Beach	\$1,400,000
Jul 2022	P1-132 Uninterruptable Power Supply Improvements at Plant No. 1	Fountain Valley	\$3,400,000
Aug 2022	FE20-04 CenGen Cooling Water Pipe Replacement at Plant No. 2	Huntington Beach	\$3,600,000
Aug 2022	FE20-09 CenGen Smoke Detection Improvements	Fountain Valley, Huntington Beach	\$300,000
Aug 2022	FE21-06 Chemical Dosing Station Installation at Westside Pump Station	Rossmoor	\$100,000
Sep 2022	FE18-06 CenGen Instrument Air Compressors Replacement	Fountain Valley	\$500,000
Sep 2022	FE20-02 Digester C, D, F, and G Mechanical Rehabilitation at Plant No. 2	Huntington Beach	\$2,500,000
Sep 2022	FE20-05 Plant Water Piping Replacement at Secondary Clarifiers 1-26	Fountain Valley	\$1,500,000

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Vendor Outreach



- Consultants, Contractors, Vendors
- Increase Reach and Exposure
- Support Local Businesses
- Competitive Rates
- Vendor Information Workshops
 - Professional Services, Goods, and Supplies: 7/12/22
 - Construction Services: 9/13/22
 - Maintenance Services: 11/8/22

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For more information

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Follow us: [@OCSanDistrict](https://twitter.com/OCSanDistrict)



Also on... [in](https://www.linkedin.com/company/ocsan) 

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