

Orange County Sanitation District

CONSTRUCTION



March 2022

Taft Sewer Improvement Project

Exploratory Field Work
April 7 – 20, 2022
Monday – Friday,
8:30 a.m. – 3:30 p.m.

Anticipated Construction:
Spring 2024 – Spring 2026

Dates and times are subject to change due to operational factors or inclement weather.

The Orange County Sanitation District (OC San) has a Capital Improvement Program to maintain and improve the regional sewer system throughout its service area. As part of this effort, OC San is investing in upgrading the Taft Sewer in the City of Orange.

The project, which is scheduled for construction in 2024, will take place along Taft Avenue from Glassell Street to Sacramento Street, northbound on Sacramento Street to Brentford Avenue, to Breckenridge Street to Meats Avenue (see map below). The current pipe ranges between 12 to 15 inches and will be upsized to 18 to 21 inches in diameter.

In preparation for the sewer project, OC San must first conduct exploratory field work to properly design the new sewer line. This activity will require locating underground utilities by using a specialized truck to make small holes in the ground in the public right-of-way. The work at each site will take a few hours to do, upon completion, the small holes will be backfilled and only a small patch will be evident following the work. Minor traffic control, such as signage and cones, will be in place to direct traffic around the active work area. No full road closures or detours will occur as part of this work. In select cases where utility location work is scheduled near a driveway, the crews will accommodate all necessary access.

About Us

OC San is a public agency that provides wastewater collection, treatment, and recycling services for approximately 2.6 million people in central and northwest Orange County. OC San operates two facilities, 15 pump stations, almost 400 miles of regional sewer pipes, and treats more than 180 million gallons of wastewater each day.

Thank you for understanding as we work to improve Orange County's infrastructure.



10844 Ellis Avenue
Fountain Valley, CA 92708
www.ocsan.gov/Taft

Questions?

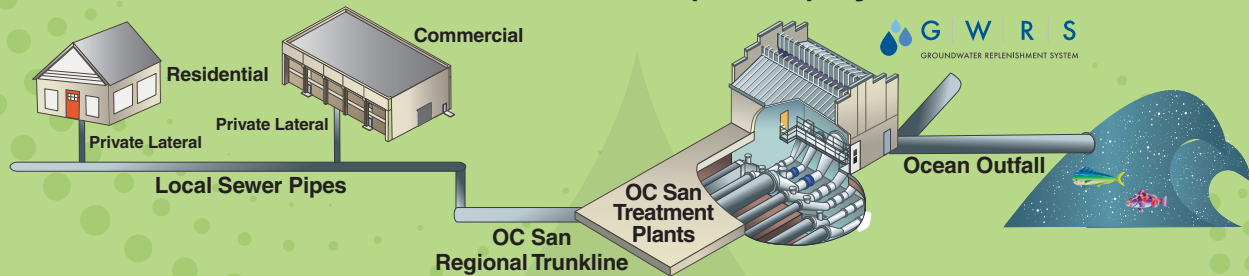
Contact the Construction Hotline 714.378.2965 or email ConstructionHotline@ocsan.gov
Follow us @OCSanDistrict



ORANGE COUNTY SANITATION DISTRICT Facts and Key Statistics

The Orange County Sanitation District (OC San) is a public agency that provides wastewater collection, treatment, and recycling services for approximately 2.6 million people in central and northwest Orange County. OC San is a special district that is governed by a Board of Directors consisting of 25 board members appointed from 20 cities, four special districts, and one representative from the Orange County Board of Supervisors. OC San has two plants that treat wastewater from residential, commercial and industrial sources.

OC San Wastewater (Sewer) System



2020-21 Average Daily Flow of Wastewater Received in mgd

(million gallons per day)

Plant No. 1	118 mgd
Plant No. 2	64 mgd
Total	182 mgd

Ocean Monitoring

OC San releases a portion of its treated wastewater into the ocean through a 10-foot diameter offshore pipeline that extends five miles from shore and about 200 feet below the ocean surface. The last mile of the pipe is a diffuser that has 503 portholes through which treated wastewater is slowly released. An abundance of marine life has taken up residence along the pipeline. We regularly monitor the marine life, sediment quality, and water quality within 38 square miles of ocean (an area the size of Santa Ana) off Huntington Beach.

Budget & Rate Information 2021-2022

- 639 full-time authorized staff
- \$408 million – Current operating and capital improvement budget
- \$343 – Annual regional single family sewer fee
- \$5,346 – Average connection fee for a single family (3-bedroom) residence
- \$2,681 – Estimated cost to collect, treat and dispose of one million gallons of sewage

Biosolids Recycling

OC San generates about 550 tons per day or about 200,000 tons per year of biosolids. Biosolids are the highly treated, safe, nutrient rich, organic material derived from the wastewater treatment process.

Energy Production

OC San generates an average of 7.8 million kilowatt hours of energy per month from burning natural gas and methane gas (biogas) which is byproduct of the wastewater treatment process. The net power savings from OC San generated electricity is about \$5.6 million in power that would otherwise be purchased from Southern California Edison.

Water Reclamation

OC San supplies the Orange County Water District with 130 million gallons a day of treated wastewater which is then reclaimed and reused for treatment processes, landscaping, injected into the seawater intrusion barrier to protect groundwater, and for the Groundwater Replenishment System (GWRS). The GWRS produces enough new water for nearly 850,000 residents in north and central Orange County.

Infrastructure Facts

- 15 pump stations
- 388 miles of sewers
- 479 square miles of service area

OUR MISSION

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