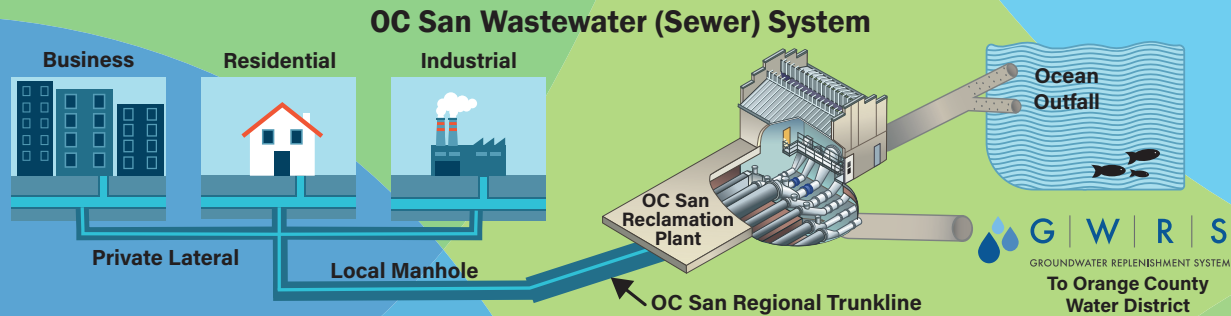


ORANGE COUNTY SANITATION DISTRICT Facts and Key Statistics

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.



2023-24 Average Daily Flow of Wastewater Received in mgd

(million gallons per day)

Plant No. 1	124 mgd
Plant No. 2	68 mgd
Total	192 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 sits on the seafloor at a depth of 200 feet. The last mile of the pipeline is a diffuser that has 503 portholes through which treated wastewater is slowly released. An abundance of marine life has taken residence along the pipeline. We regularly monitor the marine life, sediment quality, and water quality within 185 square miles of ocean off the coast of Huntington Beach.

Budget & Rate Information 2024-2025

- 663 full-time authorized staff
- \$460 million – Operating and capital improvement budget
- \$371 – Annual regional single family sewer fee
- \$6,388 – Average connection fee for a single family (3-bedroom) residence
- \$3,446 – Estimated cost to collect, treat and dispose of one million gallons of sewage

Biosolids Recycling

OC San produces approximately 540 tons of biosolids daily, totaling around 200,000 tons annually. These

biosolids are highly treated, safe, nutrient-rich organic materials derived from the wastewater treatment process. They are utilized as soil amendments for farms and compost facilities, which in turn create amendments for nurseries, agriculture, and home gardens..

Energy Production

OC San generates an average of 4.1 million kilowatt hours of energy per month from burning natural gas and methane gas (biogas) which is a byproduct of the wastewater treatment process. The net power savings from OC San generated electricity is about \$6.9 million per year in power that would otherwise be purchased from a utility or an Energy Service Provider.

Water Reclamation

OC San supplies the Orange County Water District with 175 million gallons a day of treated wastewater for our joint project known as the Groundwater Replenishment System (GWRS). Through GWRS the treated wastewater is purified and injected into a seawater barrier and pumped to recharge basins to enhance the groundwater basin. The GWRS produces enough new potable water for nearly one million residents in north and central Orange County.

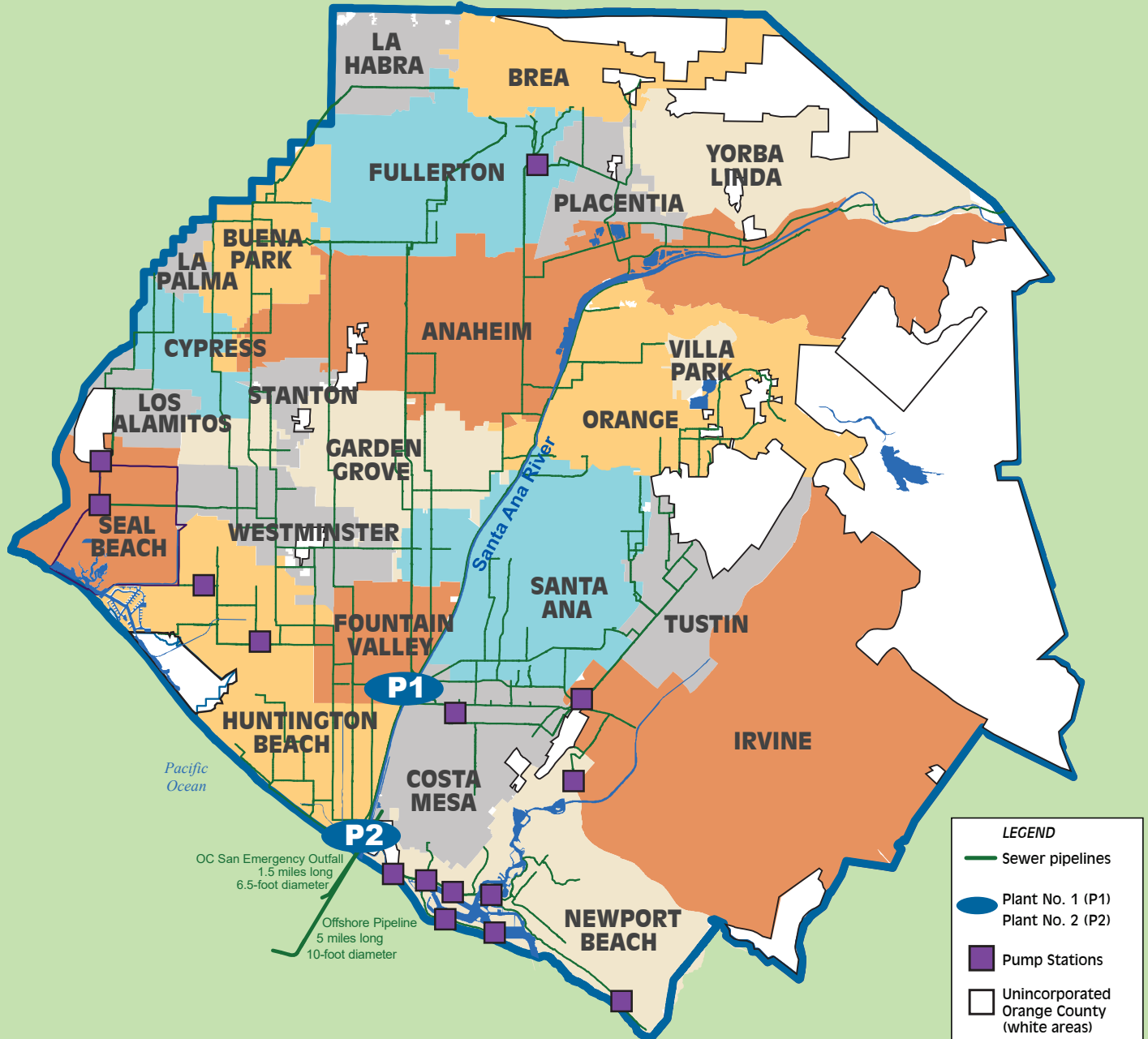
Infrastructure Facts

- 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.”

OC San Service Area and Facilities



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