

PUBLIC AFFAIRS PORTFOLIO

Fiscal Year 2022/23
and
Fiscal Year 2023/24



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MEET THE TEAM



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FISCAL YEAR 2022/23

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A large, stylized blue water drop graphic is centered on the page. It has a gradient from a darker blue at the top to a lighter blue at the bottom. The text is overlaid on this graphic.

OUTREACH

FISCAL YEAR 2022/23

OUTREACH

Fiscal Year 2022/23 – Notice of Public Hearing



Orange County Sanitation District
10844 Ellis Avenue
Fountain Valley, CA 92708

RETURN SERVICE
REQUESTED

PRESORTED
FIRST CLASS
U.S. POSTAGE
PAID
SANTA ANA, CA
PERMIT NO. 356

Este material está disponible en español en la página electrónica www.ocsan.gov.
Tài liệu này được cung cấp bằng tiếng Việt trên trang web của chúng tôi: www.ocsan.gov.

John Doe
12345 Any Street
Any Town, CA 00000

NOTICE OF PUBLIC HEARING

Wednesday, March 22, 2023 • 6 p.m.
10844 Ellis Avenue, Fountain Valley, CA 92708

We protect public health and the environment by:

- Helping to ensure our beaches are safe.
- Supplying 130 million gallons per day of treated water for recycling.
- Recycling 800 tons per day of solids from wastewater and creating soil amendment and compost.
- Producing over 60 percent of electricity to power our treatment facilities.
- Maintaining over \$11 billion in infrastructure — guaranteeing reliability of our pipelines and treatment systems — reducing the risk of sewer spills and beach closures.



All while being fiscally responsible and keeping your rates below the industry average.

To learn more about OC San visit: www.ocsan.gov.


QUESTIONS & ANSWERS

How do I Protest the Proposed Fees?
A public hearing will be held on Wednesday, March 22 at 6 p.m. in the OC San Board Room, 10844 Ellis Avenue, Fountain Valley, California. Any property owner within the sewer service area may protest the proposed fee at the public hearing or may file a written protest by sending a letter to OC San, 10844 Ellis Avenue, Fountain Valley, CA 92708 or an email to rates@ocsan.gov. A valid protest letter or email must include your name, the parcel number at which you receive sewer service from OC San and a statement of protest. The letter or email must be received prior to or during the public hearing on March 22, 2023.

I already pay a sewer fee on another bill. Is this a duplicate sewer charge?
A separate sewer fee may be collected for the operation and maintenance of your local sewer system, which may be owned by your city, water district or sanitary district. That system collects the sewage from your parcel, conveys it through the sewers in your local streets, and ultimately transfers it to the large regional trunk sewers and treatment plants that make up the OC San regional system. OC San does not receive any monies collected by these other local sewer agencies.

Am I eligible for a rebate/refund?
Non-residential users that have substantially lower than average water use are eligible for a reduced charge. If you think you qualify, please visit our website, www.ocsan.gov, to obtain claim forms for a rebate or refund. As the single-family residential rate is a flat rate and is the lowest rate that any user can pay for our services, residential users are not eligible for a rebate.

What if I am not connected to the sewer system?
The OC San sewer service fee ordinance applies to parcels that are connected to the sewer system. Parcels that are on a septic system are exempt from the OC San sewer service fee. While we have attempted to identify all parcels that utilize a septic system, it is possible that we may have missed some. If this is your situation, please visit our website, www.ocsan.gov, to obtain a septic tank form for a refund.



OC SAN WASTEWATER (SEWER) SYSTEM

NOTICE OF PUBLIC HEARING
MARCH 22, 2023 AT 6 P.M.
ORANGE COUNTY SANITATION DISTRICT
10844 ELLIS AVENUE, FOUNTAIN VALLEY, CA
REGARDING PROPOSED SEWER SERVICE FEES TO THE OWNER OF RECORD OF

APN#000000

You have received this notice because the Orange County Sanitation District (OC San) provides regional sewer service to your property. OC San collects and treats wastewater from 20 cities, four special districts and a portion of the unincorporated County of Orange. A map of OC San's sewer service area can be viewed at www.ocsan.gov.

OC San is proposing a rate increase in order to pay projected costs of inspection, repair, operation, maintenance, debt service and reserves needed for OC San's regional collection and treatment system. As a property owner within OC San's service area, your regional sewer service fees along with property tax revenues and other sources of income, will pay for these services.

Due to our efficient operations and size, OC San sewer service fees remain among the lowest in California and in the United States for wastewater treatment facilities. At the end of the proposed rate program in 2028, OC San's rates are expected to remain below the projected statewide average.

You are currently paying your share of the current costs of operating the sewerage system through your annual service fee of \$XXX per year.

The cost of the regional sewerage system is apportioned to each property owner based on the amount and strength of the average wastewater discharged from that type of parcel use. Parcels are categorized by use on the Orange County Assessor's database. Although the OC San sewer service fee is not a tax, it is collected as a separate line item on the property tax bill. Using the services of the County Tax Collector-Treasurer significantly reduces the OC San's administrative and collection costs. These savings are reflected in your rate.

The proposed sewer service fees are based on financial and engineering studies and reports. The proposed rates may not be exceeded in any year without another notice. These sewer service fees do not fund the capital costs of constructing new or expanded facilities to serve new development; those costs are paid by the customer's connecting to the local sewer system in the form of a separate capital facilities capacity charge.

Annual Single Family Residential (SFR) User Rate

Current	Proposed Rate Structure beginning July 1, 2023 through June 30, 2028				
2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
\$347	\$358	\$371	\$384	\$397	\$411

The multi-family residential (MFR) user per apartment unit has been established by flow monitoring and census data to be 70% of the SFR use. Thus, the MFR rate will increase proportionally per unit per year. Non-residential users pay a rate per 1,000 square feet of building area, based upon the average quantity and strength of wastewater discharged as determined by studies of actual flows discharged into the system by each particular category of users.

You are receiving this notice because this change in rates will increase the annual rate per 1,000 square feet of building for users in your category from \$ to \$ for the first year of sewerage service. Subsequent annual increases will be proportional to the SFR rate increases described above. Your total service charge will be the product of this rate and the number of 1,000 square feet in your building(s).

Who is the Orange County Sanitation District?
The Orange County Sanitation District (OC San) is a special district responsible for safely collecting, treating, disposing, and recycling of wastewater (sewage) and industrial waste. It is a public agency, separate from the County of Orange or any city government, established under the State Health and Safety Code to provide clean water service to a specific regional geographic area. OC San is governed by a Board of Directors comprised of elected officials from each of the local sewer agencies or cities within our 478-square-mile service area serving 2.6 million people throughout Orange County.

How Our Rates Are Set
We calculated the proposed wastewater rates based on the following studies:

- 2021 Strategic Plan
- 2022 Wastewater Rate Study
- 2022 Asset Management Plan
- 2017 Facilities Master Plan

All of which can be found at www.ocsan.gov.

TAKE A VIRTUAL TOUR. FIND OUT MORE

Want to see our treatment process up close or learn more about your regional wastewater treatment provider? Join one of our upcoming virtual tours. Find out more by visiting www.ocsan.gov/tours or emailing forinformation@ocsan.gov.

NOTICE OF PUBLIC HEARING

Wednesday, March 22, 2023 • 6 p.m.
10844 Ellis Avenue, Fountain Valley, CA 92708

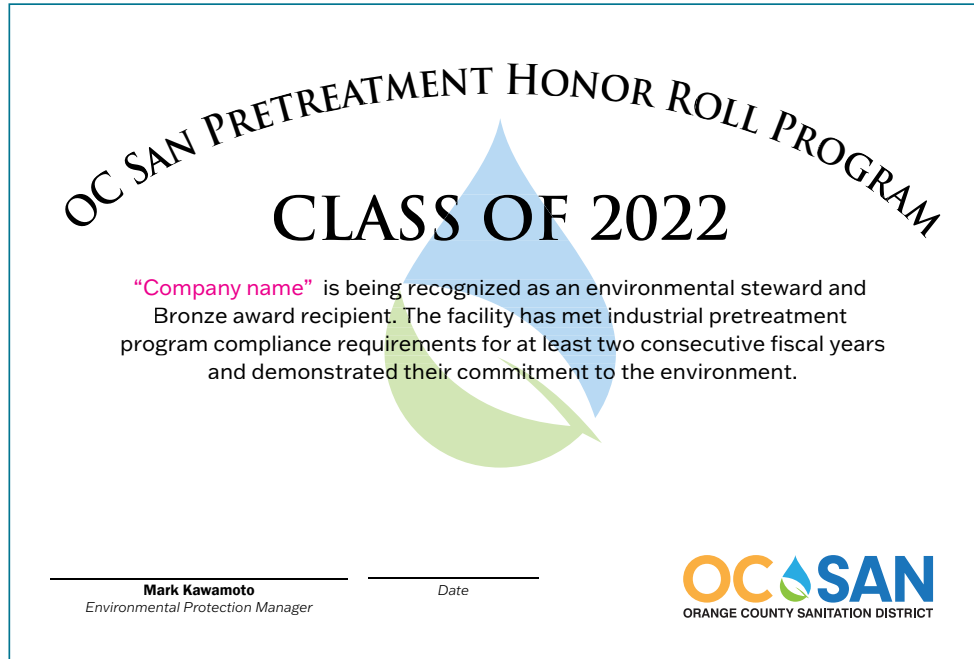
Prop 218 Proposed Sewer Rates



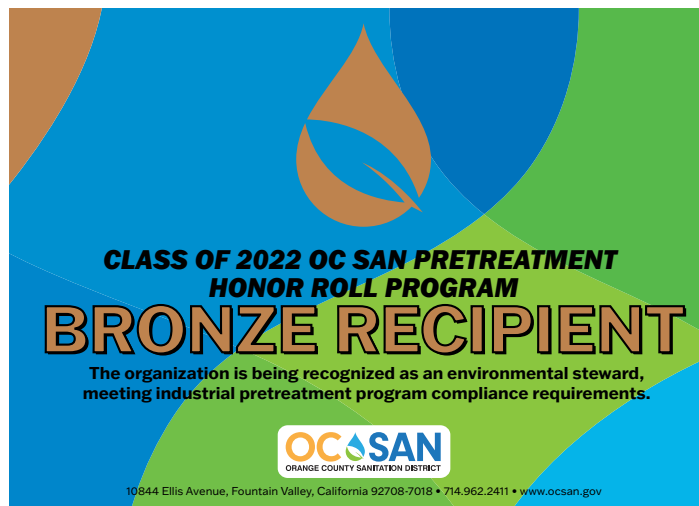
Notice of Public Hearing

OUTREACH

Fiscal Year 2022/23 – Honor Roll



Certificates




Window Sticker

OUTREACH

Fiscal Year 2022/23 – Construction

ORANGE COUNTY SANITATION DISTRICT
CYPRESS TRUNK SEWER PROJECT




Construction is set to begin in 2023


This project is making improvements to over six miles of regional sewer pipe and 100 manholes in the cities of **Cypress**, **Los Alamitos**, and **La Palma**.

WE WANT TO HEAR FROM YOU.

OC San is gathering information from the community to assist us as we design this important project. Please take a few minutes to answer questions which will help us determine work hours and days for this project. Thank you for your feedback.

(See reverse for map and additional information) 

CONSTRUCTION AREA




Orange County Sanitation District (OC San) is the public agency that provides wastewater collection, treatment, and recycling services for approximately 2.6 million people in central and northwest Orange County.

Orange County Sanitation District
 10844 Ellis Avenue
 Fountain Valley, CA 92708-7018

PRESORTED STANDARD
 U.S. POSTAGE PAID
 2EVERYDOOR
 ECRWSS

LOCAL
 POSTAL CUSTOMER


Use your smartphone to scan or snap a picture of this QR code or visit www.ocsan.gov/Cypress to take the survey. Available in English, Spanish and Korean.




Stay informed of the latest construction news by signing up for text alerts and email notifications.

Contact the **Construction Hotline 714.378.2965** or ConstructionHotline@ocsan.gov if you have any questions.

Connect with us @OCSanDistrict





ORANGE COUNTY SANITATION DISTRICT

Cypress Truck Sewer Post Card

OUTREACH

Fiscal Year 2022/23 – Construction

OC San Headquarters Bridge Crossing Installation

The 3-story office building construction project includes a pedestrian bridge that will connect the building to OC San's Plant No. 1.

A 100-ft span of the bridge crossing Ellis Avenue will be installed, requiring a weekend **closure of Ellis Avenue**. Detours will be in place, see map on reverse side.



Ellis Avenue Closure
Starting at 9 p.m. Friday, July 21, 2023
through 11 p.m. Sunday, July 23, 2023

All date and times subject to change due to operational factors or inclement weather.



HQ Bridge Ellis Closure

OUTREACH

Fiscal Year 2022/23 – Construction



CONSTRUCTION IS COMING!

Los Alamitos Trunk Sewer Project

The **Los Alamitos Trunk Sewer Project** is anticipated to start in the next couple of months.

This project will make improvements to the regional sewer lines and manholes in the cities of Seal Beach and Los Alamitos.

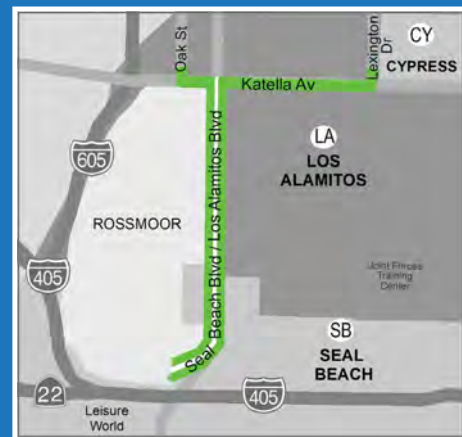
Stay informed of the latest construction news by signing up for text alerts and email notifications.



To sign up for text alerts use your smartphone to scan or snap a picture of this QR code or text "**Los Alamitos**" to **74121**.

For email alerts sign up at www.ocsan.gov/LosAlamitos

For questions contact the **Construction Hotline** at **714.378.2965** or at ConstructionHotline@ocsan.gov.



Connect with us @OCsanDistrict

Los Alamitos Truck Sewer Project

OUTREACH

Fiscal Year 2022/23 – Construction

We'll Be In Your Neighborhood

Collecting Samples



Over the next couple of weeks, we'll be in your area collecting sewer and water samples as part of a research study.

SEE REVERSE SIDE FOR
ADDITIONAL INFORMATION



UCIRVINE
UNIVERSITY OF CALIFORNIA • IRVINE

OC SAN
ORANGE COUNTY SANITATION DISTRICT

OC San has partnered with the **University of California, Irvine** to conduct a water quality research project.

What to Expect:

- ▲ Traffic control for sample retrieval area.
- ▲ UCI staff wearing protective suits to prevent sample contamination.

Weekdays from May 4 - May 15
Between 8 a.m. and 12 p.m.

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

Questions?

UCI Info Line (949) 824-5819

OC Email: InforInformation@ocsan.gov



Use your smartphone to scan or snap a picture of this QR code for additional information on OC San.

OC SAN

ORANGE COUNTY SANITATION DISTRICT

10844 Ellis Avenue
Fountain Valley, CA 92708-7018
www.ocsan.gov

OC San is a public agency that provides wastewater collection, treatment, and disposal services for approximately 2.6 million people in central and northwest Orange County. OC San has almost 400 miles of sewer pipes that collect wastewater from residential, commercial, and industrial sources.

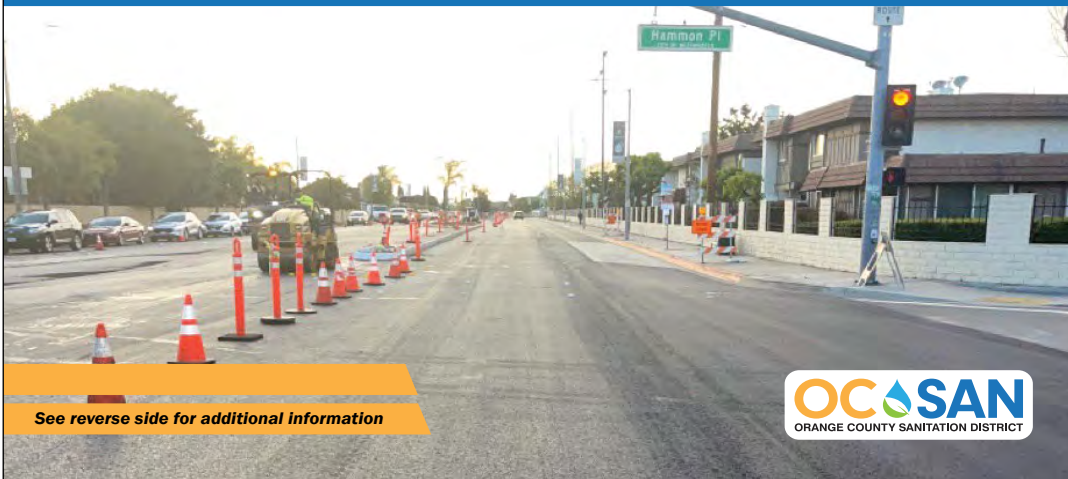
Collecting Samples Post Card

OUTREACH

Fiscal Year 2022/23 – Construction

Westminster Blvd. Sewer Project

Street restoration in progress, including upcoming nightwork.



Westminster Blvd. Sewer Project

Upcoming nightwork for final striping of the recently paved Westminster Blvd. to restore all street lanes and parking. Striping will consist of two coats, scheduled to occur over two consecutive weeks.

Sunday, March 26 - Thursday, March 30
Sunday, April 3 - Thursday, April 6

Work Hours: 9 p.m. - 5 a.m.

All date and times subject to change due to operational factors or inclement weather. Any changes to the schedule will be posted on the project webpage at www.ocsan.gov/Westminster.

! Please continue to not park on Westminster Blvd. until final striping is completed and "No Parking" signs are removed.

Questions?

Construction Hotline 714.378.2965
Email ConstructionHotline@ocsan.gov
Website www.ocsan.gov/Westminster

Follow Us:   
[@OCSanDistrict](https://www.instagram.com/OCSanDistrict)



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Westminster Blvd. Sewer Project Post Card

OUTREACH

Fiscal Year 2022/23 – Construction



Capital Improvement Program

ANNUAL REPORT

Fiscal Year 21/22





Interested in doing business with OC San?

Scan the QR code on the front or visit the website ocsan.gov/doingbusiness for general information and to view current and upcoming opportunities.

 Email: Construction@ocsan.gov

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 treats about an average of 179 million gallons of wastewater per day.

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

Construction Network Owner's Night Post Card

OUTREACH

Fiscal Year 2022/23 – Construction



The banner features a blue background on the left with white pipe icons at the top and bottom. The text 'OC SAN SERVICE AREA ANNEXATION' is in large, bold, orange letters. Below it, the text 'Visit www.ocsan.gov/annexation or scan the QR code for more information.' is in white. A QR code is positioned to the right of this text. On the right side of the banner is a photograph of a wastewater treatment plant at dusk, with large pipes and tanks illuminated by warm lights against a blue and purple sky. The OC SAN logo is in the bottom right corner of the photo.

OC SAN SERVICE AREA ANNEXATION

Visit www.ocsan.gov/annexation
or scan the QR code
for more information.

OC SAN
ORANGE COUNTY SANITATION DISTRICT

OC San Service Area Annexation

OUTREACH

Fiscal Year 2022/23 – Construction

ORANGE COUNTY SANITATION DISTRICT

SCHEDULED MAINTENANCE

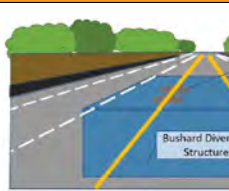
Nighttime Activity:
Bushard St. North of Ellis Ave. at the
OC San Bushard Diversion Structure
April 20 from 9 p.m. to 7 a.m.

Dates and time subject to change due to operational factors or inclement weather

Routine maintenance is required to support the OC removal of debris from fats, oils, grease, wipes, and when sewer flows are at their lowest, work at night. Temporary traffic control with lane closures is expected. We apologize in advance for the inconvenience.

In addition to the scheduled maintenance, crews working on an upcoming construction project that will make repairs to the Bushard Diversion Structure. You will expect to receive additional project details including the start of construction.

What is the Bushard Diversion Structure?



Several manhole covers are noticeable in the road. These manholes provide access to a below grade Diversion Structure. This structure is critical to the OC San system and is responsible for diverting wastewater flows through pipelines to either the Fountain Valley or Huntington Beach Wastewater Treatment Plant.



ORANGE COUNTY SANITATION DISTRICT
ORANGE COUNTY SANITATION DISTRICT
10844 Ellis Avenue
Fountain Valley, CA 92708-7018

SCHEDULED MAINTENANCE

SEE INSIDE
For more information



ORANGE COUNTY SANITATION DISTRICT

Stay informed

Call the **Construction Hotline** at **(714) 378-2965**
Email **ConstructionHotline@ocsan.gov**
Visit **www.ocsan.gov**
Connect with us
on social media **@ocsewers**

The Orange County Sanitation District is a public agency that provides regional wastewater collection, treatment, and recycling services for approximately 2.6 million people in central and northwest Orange County.

If you would like additional information, please call our dedicated **Construction Hotline (714) 378-2965** or e-mail **construction@ocsan.gov**
For after hours, contact the **OC San Control Center** at **(714) 378-2965**
10844 Ellis Avenue, Fountain Valley, CA 92708-7018 | www.ocsan.gov | @ocsewers

Bushard Diversion

OUTREACH

Fiscal Year 2022/23 – Construction

Taft Sewer Improvement Project

Orange County Sanitation District – OC San – provides wastewater collection, treatment and disposal services for approximately 2.6 million people in central and northwest Orange County. The OC San Taft Sewer Improvement Project is part of a large capital improvement program to maintain and improve infrastructure.

About the Project

The project will replace and relocate a portion of the Taft Sewer in the City of Orange. The project will upsizes almost two miles of pipe along Taft Avenue from Glassell Street to Sacramento Street, northbound on Sacramento Street to Brentford Avenue, to Breckenridge Street to Meats Avenue. The current pipe ranges between 12 to 15 inches and will be upsized to 18 to 21 inches. A portion of the sewer that currently runs along Tustin Street will be relocated to North Sacramento Street.

Why Is This Infrastructure Needed?

OC San is committed to protecting public health and the environment by proactively replacing and maintaining its infrastructure. Increasing the size of the pipe as part of the project will facilitate the future maintenance of the pipeline.

Schedule

2022	2023	2024	2025	2026
Design Start		Anticipated Construction Start		Anticipated Construction Completion

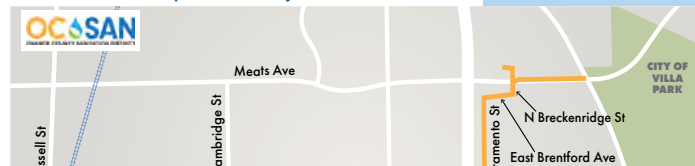
Questions?

OC San is committed to proactive and transparent communication. Call the Construction Hotline at (714) 378-2965 or email ConstructionHotline@ocsan.gov.

To sign up for text alerts, scan the QR code below or visit www.ocsan.gov/taft for the latest project updates and schedule information.



OC San Taft Sewer Improvement Project Area



Taft Sewer Improvement Project

JOIN US FOR A VIRTUAL COMMUNITY MEETING!

Date: Thursday, Dec. 8, 2022, via Zoom Webinar
Time: 6 p.m. start time (PST)

The Orange County Sanitation District (OC San) is proposing the Taft Sewer Improvement Project that will replace and relocate a portion of the existing Taft Avenue sewer pipeline within the City of Orange.

The project will upsizes approximately two miles of pipe along Taft Avenue from Glassell Street to Sacramento Street, northbound on Sacramento Street to Brentford Avenue, to Breckenridge Street to Meats Avenue. All work would be conducted within the public road right-of-way. The project will abandon 1,200 feet of existing OC San sewer pipeline and three maintenance holes along Meats Avenue at State Route 55.

At the community meeting you can:

- Learn more about the project status and schedule
- Speak with project team members and ask questions

The virtual meeting will be held in English. Get more information at ocsan.gov/taft.



Taft Sewer Improvement Project

OUTREACH

Fiscal Year 2022/23 – Communication

ORANGE COUNTY SANITATION DISTRICT

Sunflower and Red Hill SEWER REPAIRS

The Orange County Sanitation District Sunflower and Red Hill Sewer Repairs Project rehabilitates over a mile of regional sewer pipe in the cities of Irvine, Costa Mesa, and areas adjacent to Santa Ana.

Upcoming Construction Activity

LOCATION: Sunflower Avenue in the City of Costa Mesa

WHAT: This work will be done at night. There will also be traffic lane closures for above ground bypass piping to accommodate the sewer work.

WHEN: October 6 through October 28, 2022 (Dates and times are subject to change due to operational factors or inclement weather.)

WORK HOURS: Monday through Thursday, 7 p.m. – 7 a.m.

All lane closures will remain in place 24/7 until work in the area is complete.

WHAT TO EXPECT:

- Northbound Park Center Drive and Southbound West Stevens Avenue traffic will be limited to Right Turns only at Sunflower Avenue
- All Left Turn lanes in all directions at the intersection of Sunflower Avenue and West Stevens Avenue/Park Center Drive will be closed
- Eastbound traffic on Sunflower Avenue will not be affected
- Left Turn lane on Sunflower Avenue south of West Stevens Avenue into Bristol – Sunflower Plaza will be closed

DETOURS:

- If heading Eastbound on Sunflower, the next available U-turn will be at Flower Street
- If heading Northbound on Park Ctr and need to travel WB on Sunflower, make a U-turn at Flower Street or head South on Park Center Drive, Right on Town Center and Right on Bristol
- If exiting the Bristol – Sunflower Plaza or the apartments of West Stevens Avenue on Westbound Sunflower, make a U-turn at Bristol Street

For additional information about this project, please scan the QR code below, call the Construction Hotline at 714.378.2965 or email ConstructionHotline@ocsan.gov

Orange County Sanitation District (OC San) is the public agency that provides regional wastewater collection, treatment, and recycling services for approximately 2.6 million people in central and northwest Orange County.

OC SAN ORANGE COUNTY SANITATION DISTRICT

ORANGE COUNTY SANITATION DISTRICT

Sunflower and Red Hill SEWER REPAIRS

LOCATION: Sunflower Avenue between S. Plaza Drive and Main Street, in the cities of Costa Mesa and Santa Ana.

CONSTRUCTION ACTIVITY: The Orange County Sanitation District (OC San) is rehabilitating over a mile of regional sewer pipe in the cities of Irvine, Costa Mesa and areas adjacent to Santa Ana. Later this month, work will occur on Sunflower Avenue near the South Coast Plaza shopping area. An epoxy will be applied to the sewer pipes to repair and prevent future corrosion. This type of work is best done at night when the flow in the pipes is low.

SCHEDULE: September 2022 through December 2022*
Monday through Friday, 7 p.m. to 7 a.m.

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

WHAT TO EXPECT:

- Intermittent construction noise may be noticeable due to use of heavy equipment and machinery
- Lane closures will remain in place for the duration of the work in this phase
- Westbound Sunflower Avenue will be reduced to one lane between Flower and Avenue of the Arts
- Avenue of the Arts will be reduced to one left turn lane at Sunflower
- Southbound left turn lane on Main Street at Sunflower will be closed

Mitigation measures will be taken to minimize the traffic and noise impacts to our neighbors. This portion of the project is part of a larger project to repair sewer lines in Costa Mesa, Irvine and areas adjacent to Santa Ana. Part of the work in Irvine has been completed and the remainder of the projects work will be completed in the City of Irvine after this work is complete. The entire project is expected to be complete in early 2023.

We understand the construction can be an inconvenience and appreciate your patience. For more information scan QR code, visit www.ocsan.gov sunflower, call 714.378.2965 or email ConstructionHotline@ocsan.gov

OC SAN ORANGE COUNTY SANITATION DISTRICT

ORANGE COUNTY SANITATION DISTRICT

Sunflower and Red Hill SEWER REPAIRS

LOCATION: Sunflower Avenue between South Ross Street and Main Street, in the cities of Costa Mesa and Santa Ana.

CONSTRUCTION ACTIVITY: The Orange County Sanitation District (OC San) is rehabilitating over a mile of regional sewer pipe in the cities of Irvine, Costa Mesa and areas adjacent to Santa Ana. In February, work will begin on Sunflower Avenue between South Ross Street and Main Street. An epoxy will be applied to the sewer pipes to repair and prevent future corrosion. This type of work is best done at night when the flow in the pipes is low. This work was initially scheduled for October and was to be completed by December, however, due to weather, the work had to be rescheduled and will begin in early February. This is the final stage of the Sunflower and Red Hill Sewer Repairs Project.

SCHEDULE: February 2023 through March 2023*
Monday through Friday, 7 p.m. to 7 a.m.

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

WHAT TO EXPECT:

- Intermittent construction noise may be noticeable due to use of heavy equipment and machinery
- Reduced lanes on Westbound/Northbound Main Street
- Left turn / U-Turn Lane on Southbound Main at Sunflower will be closed**

**Traffic control will be set up and remain in place 24/7 until the work is complete.

Mitigation measures will be taken to minimize the traffic and noise impacts to our neighbors.

We understand the construction can be an inconvenience and appreciate your patience. For more information scan the QR code, visit www.ocsan.gov sunflower, call 714.378.2965 or email ConstructionHotline@ocsan.gov

OC SAN ORANGE COUNTY SANITATION DISTRICT

ORANGE COUNTY SANITATION DISTRICT

Sunflower and Red Hill SEWER REPAIRS

The Orange County Sanitation District Sunflower and Red Hill Sewer Repairs Project rehabilitates over a mile of regional sewer pipe in the cities of Irvine, Costa Mesa, and areas adjacent to Santa Ana.

Upcoming Construction Activity

LOCATION: Sunflower Avenue in the City of Costa Mesa

WHAT: This work will be done at night. There will also be traffic lane closures for above ground bypass piping to accommodate the sewer work.

WHEN: October 6 through October 28, 2022 (Dates and times are subject to change due to operational factors or inclement weather.)

WORK HOURS: Monday through Thursday, 7 p.m. – 7 a.m.

All lane closures will remain in place 24/7 until work in the area is complete.

WHAT TO EXPECT:

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OC SAN ORANGE COUNTY SANITATION DISTRICT

Sunflower and Red Hill Sewer Repairs

OUTREACH

Fiscal Year 2022/23 – Communication

OC San Connection

community newsletter

published by the orange county sanitation district



Spring 2023

FINISH LINE IN SITE

OC San is near completion on the Sunflower Avenue and Red Hill Sewer Repairs Project that has been taking place in the cities of Irvine, Santa Ana and Costa Mesa over the past 15 months.

This project rehabilitated over a mile of sewer pipeline. These pipes range in size from 4 ½ to 6 ½ feet in diameter and were installed over 50 years ago between 1969 and 1971. The pipeline is lined to add a layer of protection from corrosive hydrogen sulfide gases from wastewater. The project made

repairs to the lining to reduce the risk of a sewage spill and/or pipe failure. This repair will also extend the life of the pipe to continue to collect and transport an average of 7-15 million gallons per day of wastewater to OC San for treatment.

This project required crews to physically enter live sewers and set up temporary diversions and bypasses. These diversions and bypasses are necessary to reroute wastewater out of the pipeline to allow crews to perform the repair

work inside the live sewers. Most of the work was performed at night when wastewater flows inside the pipes are lower. Performing night work also minimizes the risk of a sewer spill and traffic impacts.

This project began in November 2021 and was expected to be complete earlier this year, however, due to some construction delays and the recurring rain events, the \$4.8 million construction project will be completed by the end of April 2023.



Bypass piping typically set up above the ground as seen here are used to reroute flows out of the sewer pipeline below ground.



The pipes are large enough for the crews to walk inside of them to make the repairs.

Spring 2023 Newsletter

OUTREACH

Fiscal Year 2022/23 – Communication



OC San Connection
community newsletter
published by the orange county sanitation district

Summer 2022



Just In Time for Summer!

Heal the Bay Releases Beach Report Card

Heal the Bay released their 2021-2022 Beach Report Card and it has us doing a little happy dance! For the second year in a row, Orange County beaches top the Honor Roll list. To be on the Honor Roll, beaches need to receive an A+ for all four seasons. Beaches in the OC San service area to receive this honor are:

- Corona Del Mar
- Huntington City Beach, at 17th Street
- Bolsa Chica Reserve, at Flood Gates
- Surfside Beach, at Sea Way
- Crystal Cove



Heal the Bay

Landing a spot on the list is in part attributed to OC San's 100 percent Ocean Discharge Permit compliance record, our extensive Beach/Ocean Monitoring Efforts, and our Urban Runoff Diversion Program. To learn about these programs visit www.ocsan.gov.

The Heal the Bay Beach Report Card can be viewed at www.healthebay.org.

Summer 2022 Newsletter

OUTREACH

Fiscal Year 2022/23 – Communication



So, let's keep our wastewater flowing and our oceans clean. Educate yourself and others. Know What 2 Flush and what to put down the drain. Protect our sewers and environment!

It's simple, the toilet is only meant to flush the three Ps—pee, poop and paper

OC SAN
ORANGE COUNTY SANITATION DISTRICT
For more information on What 2 Flush visit www.ocsan.gov/education
Connect with us on social media @ocсандistrict

Instagram, Facebook, Twitter icons

Orange County Sanitation District



Do you know what should go down the drain that is sewer safe?

HUMAN WASTE AND TOILET PAPER SHOULD BE THE ONLY THING GOING DOWN THE TOILET.


Unfortunately, over the years, people have turned the toilet into a trash can. From medications and sanitary products to deceased pet fish and cigarette butts, if it fits, people flush it. Flushing these types of items down the toilet causes home pipes to clog, wastes water (up to 5 gallons of water every time you flush) and most importantly can have a huge impact on our sewers and not to mention our ocean. Below is a list of items that people commonly flush that should not be going down the toilet:

Prescription Drugs, Over-The-Counter Medications
contain chemicals that you don't want entering the wastewater supply. Keep in mind that sewage is treated and recycled, so we want to keep our wastewater as chemical-free as possible. Our wastewater treatment plants were not designed to remove chemicals from the water. The best way to dispose of items like these is to make them undesirable, such as crushing them and then mixing with coffee grounds, kitty litter or dirt before sealing them in a plastic bag and disposing in the trash.

Sanitary Products, Paper Towels, Diapers, Baby Wipes & Facial Tissues
are made of materials that don't break down and can cause pipes to clog. The trash is the place for these items.

Kitty Litter
(especially clay kitty litter) will sooner or later clog your pipes, even the ones that claim to be "flushable." Far more problematic is Toxoplasmosis, a parasite found in cat waste that is harmful to marine biology. It's better to keep your cat waste out of wastewater and just put it in the trash.

Condoms & Dental Floss
both cause more problems than you'd imagine. They don't biodegrade and can cause pipes to clog.



THE ONLY THING THAT SHOULD BE GOING DOWN THE DRAIN IS WHAT COMES OUT OF THE FAUCET.

The toilet is not the only drain that people are using to get rid of unwanted waste; people are also known to use the kitchen sink as a trash can. Since the invention of the garbage disposal, which claims to grind even the hard stuff such as small bones and fruit peels, people have turned the sink drain into a common destination for kitchen waste. Again, as long as it fits, people throw it or pour it down the drain. Letting trash flow and go down the kitchen sink (or any other drain in the house) may cause pipes to clog and can eventually lead to sewage spills that harm the environment. Here is a list of the most common things that people dump into their sinks instead of disposing of them properly:

Food
should not be flushed down the sink. The best way to get rid of food is to compost what you can and wipe or scrape the remnants in the trash. Use a drain screen in your sink to catch any remaining bits of food as you wash the dishes. Use your garbage disposal sparingly. Using the drain as a dump will have unforeseen consequences of clogging sewer lines and possible backups in your home.

Fats, Oils and Grease (FOG)
should never be poured down the sink or garbage disposal. FOG sticks to the interior surface of the sewer pipes, hardens over time and eventually may cause sewage to backup and lead to a sewage spill in your home or on our streets. Running hot water as you pour the grease down the drain will not help either. Many people are unaware that pouring hot water and detergent down the drain only breaks up grease temporarily. The best way to get rid of FOG is to let it cool/harden, mix it with other absorbent materials, place it in a bag or container and then throw it in the trash.

Hair
always seems to make its way past the plug. Hair will catch and stick to other items and is very difficult to get out of piping once it gets in. Keep hair from going into the pipes by using a fine drain screen to catch hair in your bathtub and shower and dispose of it properly in the trash.

Coffee Grounds & Eggshells
should be properly disposed of in the trash. Never put them in the garbage disposal. Crushed eggshells and coffee grounds can also be used for making garden compost.

Household Hazardous Materials
such as motor oil, pesticides, paint and solvents should never be poured down the drain. All of these are highly toxic and will cause long term damage to the environment. Dispose of these items by contacting the nearest household hazardous waste collection center where these and other household items can be dropped off. If there is just a little unused paint left, put the can in a safe place (inaccessible to children, pets, or ignition sources) and remove the lid so the remaining contents can dry out. Once the contents have dried out, replace the lid and dispose of the can in the trash or recycler.

What2Flush Brochure

OUTREACH

Fiscal Year 2022/23 – Communication



WHAT 2 FLUSH

Know what should go down the drain that is sewer safe

human waste and toilet paper should be the only thing going down the toilet. Flushing other types of items down the toilet causes home pipes to clog, wastes water (up to 5 gallons of water every time you flush) and most importantly can have a huge impact on our sewers and not to mention our ocean.

Items that people commonly dispose of that should **NOT** be going down the drain:

TOILET

Prescription Drugs, Over-The-Counter Medications—contain chemicals that you don't want entering the wastewater supply. The best way to dispose of items like these is to make them undesirable, such as crushing them and then mixing with coffee grounds, kitty litter or dirt before sealing them in a plastic bag and disposing in the trash.

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Condoms and Dental Floss—both cause more problems than you'd imagine. They don't biodegrade and can cause pipes to clog.

SINK

Fats, Oils and Grease (FOG)—should never be poured down the sink or garbage disposal. FOG sticks to the interior surface of the sewer pipes, hardens over time and eventually may cause sewage to backup and lead to a sewage spill in your home or on our streets. Running hot water as you pour the grease down the drain will not help either. The best way to get rid of FOG is to let it cool/harden, mix it with other absorbent materials, place it in a bag or container and then throw it in the trash.

It's simple, the toilet is only meant to flush the three P's—pee, poop and paper.

www.ocsan.gov/education @OCsanDistrict



WHAT 2 FLUSH

Do you know what should go down the drain that is sewer safe?

Pee, poop and toilet paper should be the only things going down the toilet. Flushing other types of items down the toilet causes home pipes to clog, wastes water (up to five gallons of water every time you flush) and most importantly can have a huge impact on our sewers and not to mention our ocean.

Items that people commonly dispose of that should **NOT** be going down the drain:

DRAIN

Fats, Oils and Grease (FOG)—should never be poured down the sink or garbage disposal. FOG sticks to the interior surface of the sewer pipes, hardens over time and may cause sewage to backup and lead to a sewage spill in your home or on our streets. Running hot water as you pour the grease down the drain will not help either. Instead, let it cool/harden, mix it with other absorbent materials, place it in a bag or container and throw it in the trash.

Household Hazardous pesticides, paint and so down the drain. All of these items by cause long-term damage of these items by containing hazardous waste collected other household items.

Food, Coffee Grounds, not be flushed down the food is to compost what remnants in the trash. Hair always se plug. Hair will catch and difficult to get out of pipe.

For more information:
www.ocsan.gov
  
 @OCSanDistrict



WHAT 2 FLUSH

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www.ocsan.gov/education @OCsanDistrict



OC SAN
ORANGE COUNTY SANITATION DISTRICT

What2Flush Flyers

OUTREACH

Fiscal Year 2022/23 – Fact Sheet

ORANGE COUNTY SANITATION DISTRICT

Answers to questions about...

Ocean Monitoring Program

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 has two plants that treat wastewater from residential, commercial and industrial sources.

How does OC San protect the ocean?

To meet our mission of "protecting public health and the environment," OC San maintains an ongoing ocean monitoring program, which is overseen by the United States Environmental Protection Agency and the California Regional Water Quality Control Board.

OC San regularly monitors the marine life, sediment quality, and water quality in over 185 square miles of ocean off Huntington Beach. In addition, water samples are collected along 19 miles of Orange County coastlines, from Seal Beach to Crystal Cove, to assess potential health risks to beachgoers. The Ocean Monitoring Program verifies the marine life and public are safe from any possible effects from the release of treated wastewater.

What does the program show?

- Fish and other critters are healthy where the treated water is released. There are no differences between those living around the outfall and those living in similar parts of the ocean.
- The concentration of contaminants in muscle tissue of bottom-dwelling fish do not exceed state and federal human consumption standards. Therefore, it is safe to eat fish caught offshore.

- The sediment that surrounds the outfall pipeline does have pollutants related to wastewater releases. However, the level of pollutants has decreased dramatically since 1985 because of OC San's Source Control Program.
- Overall, OC San's core monitoring area is healthy and similar to reference conditions throughout the Southern California Bight region. OC San regularly collaborates with community partners on regional monitoring programs to ensure the healthy conditions are continuously met.

OC San is proud of the efforts taken every day to protect public health and the environment. Hard work is put into preventing chemicals from entering the sewer system. Great care is taken to use the best wastewater treatment technologies available. OC San's Ocean Monitoring Program continues to be a model for other programs throughout the United States.

To learn more about OC San's Ocean Monitoring Program, visit www.ocsan.gov/ocean.



OC San's Ocean Monitoring and Research Vessel Nerissa



OC San's Ocean Monitoring team - the team of 11 goes out 80 - 100 days a year to conduct testing.

Ocean Monitoring Program

INTERNAL PROJECTS

Fiscal Year 2022/23 – PhotoShelter Employee Brochure



PHOTOSHELTER

**ONLINE
PHOTO
ARCHIVING
LIBRARY**

USER GUIDE

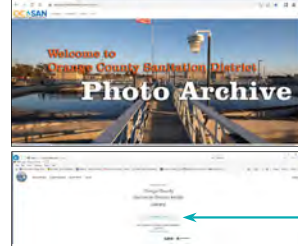
OC San's Photo Library (PhotoShelter) is an online archiving system that offers staff the flexibility and ease to locate a picture or video based on a specific description/category. The library is constantly changing and growing as photos are added and categorized.

ACCESS PHOTOSHELTER FOLLOW THESE SIMPLE STEPS:

1 Log in to **The San Box**; Access the Apps tab; Scroll down to PhotoShelter



2 Log in using your **Internal OC San** login



3 Once in the system, click galleries to browse photos or use the **Search** feature



4 **Download and Save** to your PC



Plant No. 1




Employee Event



Plant No. 2


PhotoShelter Brochure

OUTREACH
Fiscal Year 2022/23 – Employment



Recruitment Announcement

General Manager



General Manager Recruitment Brochure

OUTREACH
Fiscal Year 2022/23 – Employment

Recruitment Announcement



**DIRECTOR OF
ENGINEERING**

Orange County Sanitation District



Employment Recruitment Brochure

OUTREACH

Fiscal Year 2022/23 – Employment

Recruitment Announcement



DIRECTOR OF FINANCE

Orange County Sanitation District



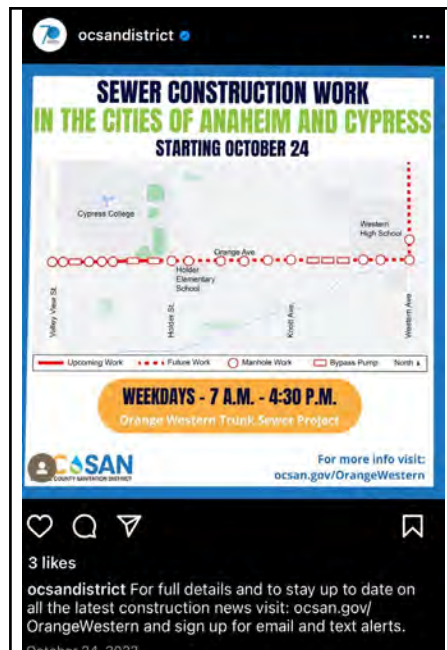
Employment Recruitment Brochure

OUTREACH

Fiscal Year 2022/23 – Social Media/Videos



What 2 Flush Posts



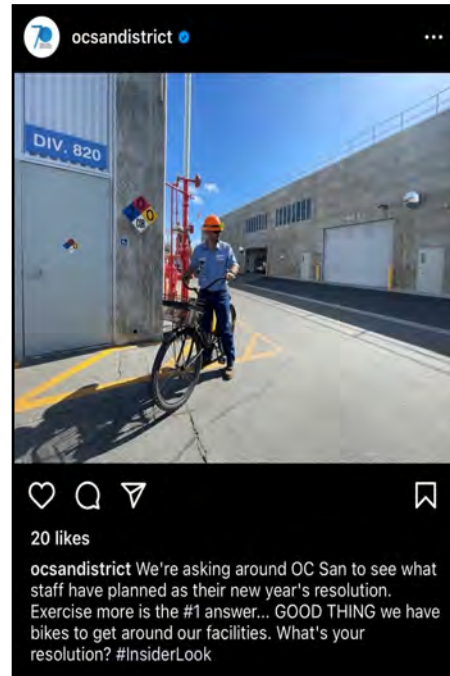
Construction Post

OUTREACH

Fiscal Year 2022/23 – Social Media/Videos



National Handwashing Week Post



New Year's resolution Post



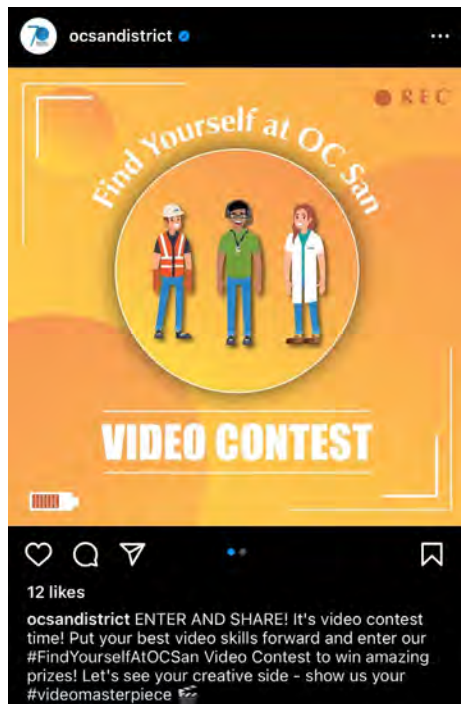
NACWA Utility Leadership Post



Wastewater 101 Post

OUTREACH

Fiscal Year 2022/23 – Social Media/Videos



Video Contest Post



FOG Post



NACWA Utility Leadership Post



Beach Report Card Post


A large, stylized blue water drop graphic is centered on the page. It has a gradient from a lighter blue at the top to a darker blue at the bottom. The text is overlaid on this graphic.

INTERNAL PROJECTS

FISCAL YEAR 2022/23

INTERNAL PROJECTS

Fiscal Year 2022/23 –
Employee Event - Honor Walk



ORANGE COUNTY SANITATION DISTRICT

Honor Walk
2023

Please join us on
Wednesday, June 28, 2023
3:30 p.m.

Plant No. 1 Administration Building
to honor this year's
Honor Walk Inductees

Larry Crandall
Board Chairman and Board Member

Marc Dubois
Contracts and Purchasing Manager

Jack Ellis
Collections Facilities Foreman

James Ferryman
Board Chairman and Board Member

Light refreshments will be served
RSVP to: forinformation@ocsan.gov by Wednesday, June 21, 2023

Honor Walk Invitation

INTERNAL PROJECTS

Fiscal Year 2022/23 – Employee Event - Honor Walk



2023 Inductee



Larry Crandall

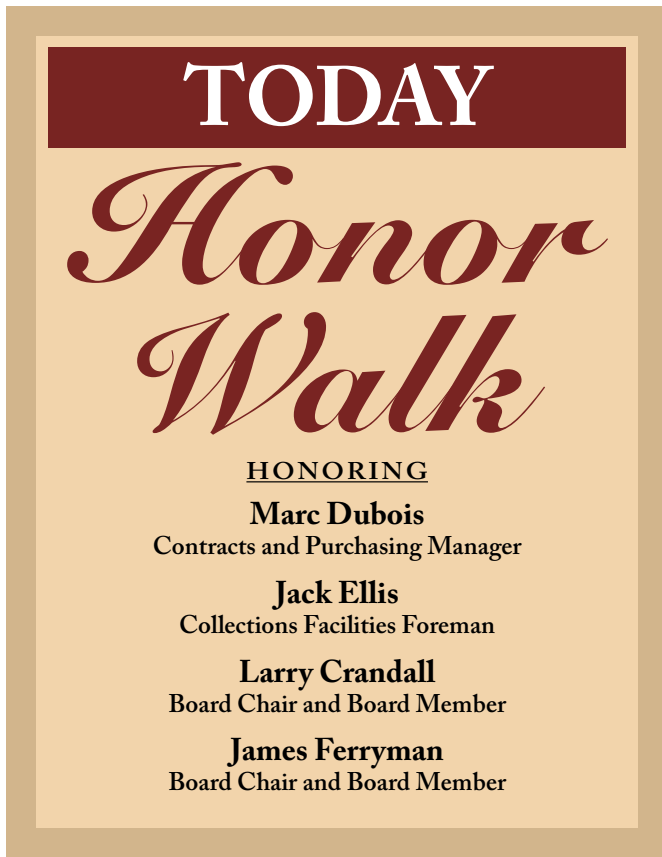
Larry Crandall served on the OC San Board of Directors from 2002 to 2012. He proudly represented the City of Fountain Valley of which he was elected to serve as Council Member in 1998 serving as mayor in 2001 and 2005.

Mr. Crandall served as Board Vice Chairman from 2008-2010 and as Board Chairman from 2010-2012. He served on the Operations Committee and the Groundwater Replenishment System (GWRS) Steering Committee during his tenure. Mr. Crandall implemented policy decision such as moving to full secondary treatment and was instrumental in the initial expansion of the GWRS. Under his leadership, OC San's Fitch Bond rating went up from AA to AAA. The new rating, coupled with the existing AAA rating from Standard and Poor's, allowed OC San to issue debt at the lowest possible cost.

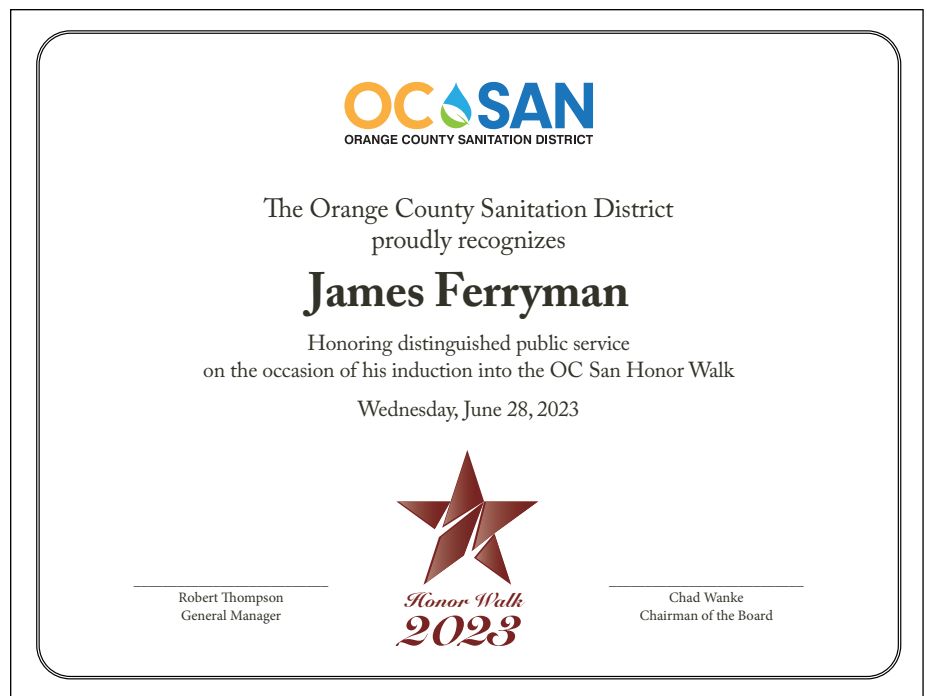
Mr. Crandall represented OC San in Sweden to accept the World Water Prize for GWRS, which is of course recognized around the world. He was instrumental in creating the rate structure which helped bring balance between residential, commercial, and industrial users. Due to his forward thinking, the residential sewer rates remained some of the lowest in California averaging less than one dollar a day.

INTERNAL PROJECTS

Fiscal Year 2023/24 – Honor Walk



Poster



Certificate

INTERNAL PROJECTS

Fiscal Year 2022/23 – Signage

HEALTH HAZARD: 3
FIRE HAZARD: 0
SPECIFIC HAZARD: 0
REACTIVITY: 1

4 - Severe
3 - Serious
2 - Moderate
1 - Slight
0 - Minimal

OXY - Oxidizer
ACID - Acid
ALK - Alkali
COR - Corrosive
W - Use No Water

SODIUM HYPOCHLORITE (BLEACH)

CAS No. 7681-52-9

Emergency Call
714-593-7133

CONSULT CORRESPONDING MSDS FOR FURTHER HAZARDOUS INFORMATION AND INSTRUCTIONS

Sodium Hypochlorite 12.5%

MAINTENANCE OR LINE BREAKING

GOGGLES	FACE SHIELD	CHEMICAL GLOVES	CHEMICAL BOOTS	TYVEX SUIT

INSPECTION

GOGGLES				

Chemical Sign for Plant

INTERNAL PROJECTS

Fiscal Year 2022/23 –
Employee Communications



OC San Birthday Card

INTERNAL PROJECTS

Fiscal Year 2022/23 – Employee Communications



Jan-Feb Bi-Monthly
Newsletter



Mar-April Bi-Monthly
Newsletter

INTERNAL PROJECTS

Fiscal Year 2022/23 – Employee Communications



May-June Bi-Monthly
Newsletter



July-Aug Bi-Monthly
Newsletter

INTERNAL PROJECTS

Fiscal Year 2022/23 – Employee Event



2022 Retiree Poster



Thank You Card



Dear Peggy,

We would like to express our sincerest appreciation for your service and dedication to OC San. Our agency would not be what it is today without your contributions. You should take great pride in your role in protecting the public's health and the environment over the past 19 years.

We wish you the best of luck and good health in all your future endeavors!

Sincerely,

Chad P. Wanke
Board Chairman

Robert C. Thompson
General Manager

INTERNAL PROJECTS

Fiscal Year 2022/23 –

Employee Communications

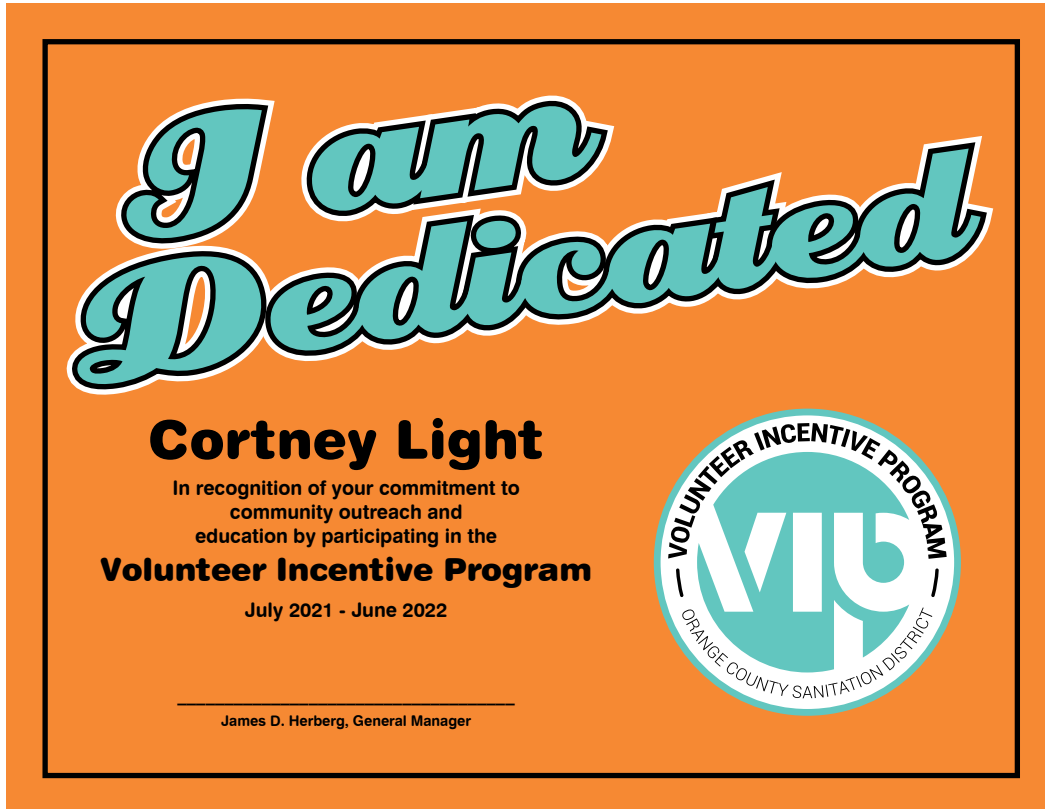


Veterans Poster for Employees



Banner

INTERNAL PROJECTS
 Fiscal Year 2022/23 –
 Employee Event - VIP Luncheon



Certificate



Thank You Card



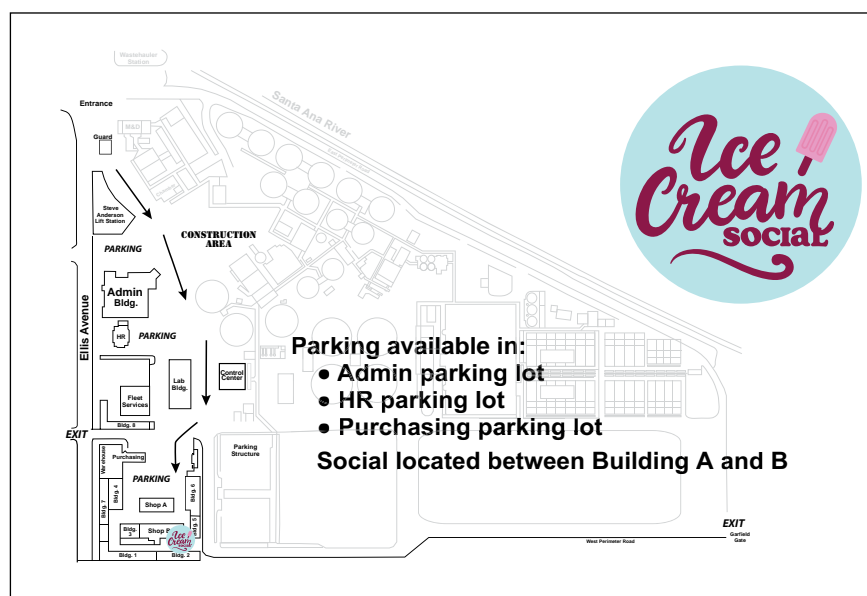
Food Voucher Coupon

INTERNAL PROJECTS

Fiscal Year 2022/23 – Employee Event - Ice Cream Social



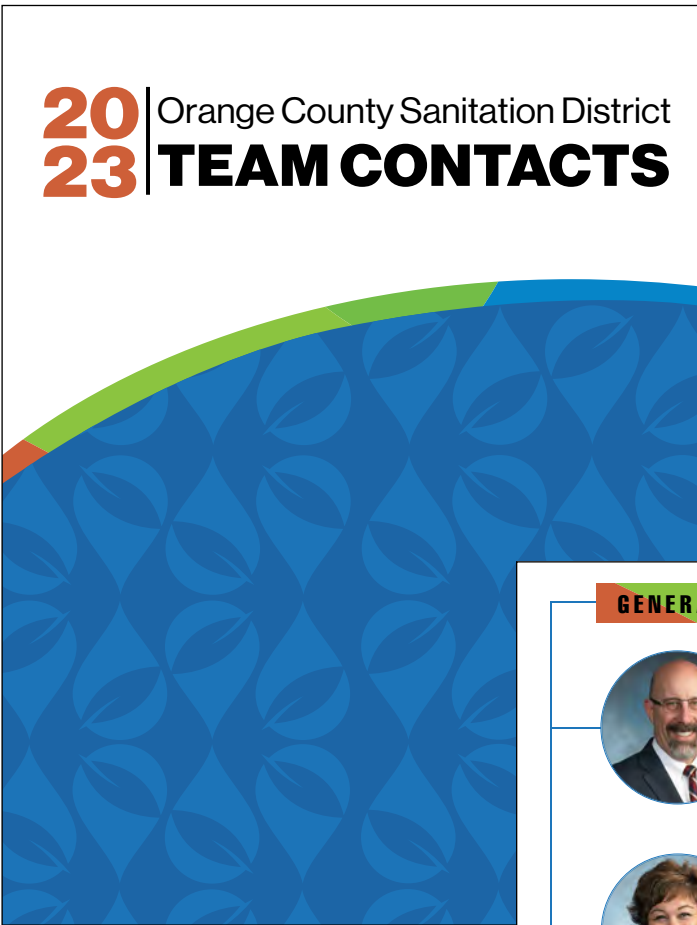
Poster



Map

INTERNAL PROJECTS

Fiscal Year 2022/23 – Organizational Response Chart



GENERAL MANAGER'S OFFICE



Rob Thompson
General Manager

Areas of Responsibility

- Agent of the Board of Directors
- Full Management Responsibility for all OC San Operations, Services and Activities
- Plans, Manages and Oversees the Activities and Operations of Seven Departments
- Public Affairs Office
- Board Services



Carrie Robles
Secretary to the General Manager

Areas of Responsibility

- Maintains the General Manager's Schedule
- Prioritizes the General Manager's Daily Tasks and Responsibilities
- Edit all General Manager Communications
- Prepare and Disseminate Correspondence, Memos and Forms



Jennifer Cabral
Administration Manager

Management responsibility for assigned services/activities including:

Areas of Responsibility

- Community & Educational Outreach
- Internal & External Communications
- Legislative & Grant Management
- Media Relations
- Board Services
- Records Management



Kelly Lore
Clerk of the Board

Areas of Responsibility

- Administrative Support to the Board of Directors
- Prepare, Record, Preserve and Maintain the Legislative Actions of the Board of Directors
- Custodian of Records and Filing Officer



ORANGE COUNTY SANITATION DISTRICT

3

Board Guidebook Inserts

A large, stylized blue water drop graphic is centered on the page. It has a gradient from a lighter blue at the top to a darker blue at the bottom. The text is overlaid on this graphic.

BRANDING

FISCAL YEAR 2022/23

BRANDING
Fiscal Year 2022/23 –
Corporate Identity



Lobby Template

BRANDING

Fiscal Year 2022/23 – Corporate Identity



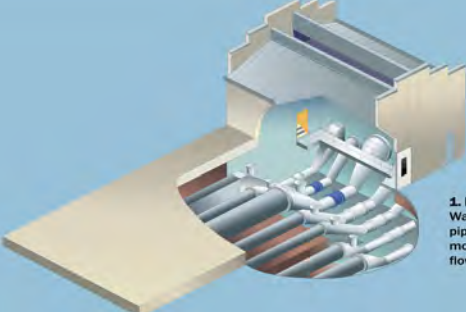
Frontbanners




Backbanners

BRANDING

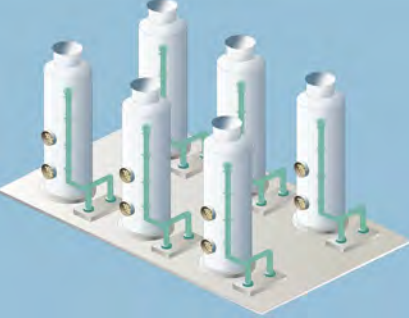
Fiscal Year 2022/23 – Corporate Identity




1. METERING AND DIVERSION
Wastewater enters our plant at 2.5 - 5 mph through pipes up to 10 feet in diameter. High tech equipment monitors the temperature, pH, conductivity, and flow of the incoming wastewater.



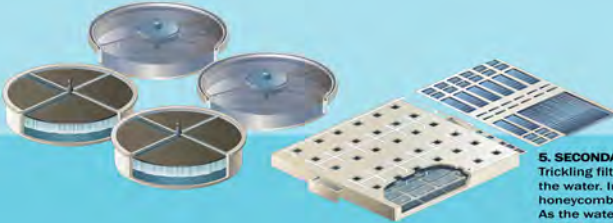
2. PRELIMINARY TREATMENT
Raw sewage passes through bar screens that trap large items like rags that cannot be recycled. Materials like egg shells and coffee grounds are then removed through the grit chamber that uses high pressure air to separate the gritty material




3. AIR SCRUBBER
Hydrogen sulfide (foul air) is captured throughout the process and funneled into large silos. It passes through a plastic medium and mixes with caustic soda and bleach. Causing the odorous compounds to be neutralized.



4. PRIMARY TREATMENT
Primary clarifiers or settling basins, slow the water down to allow the solids in the wastewater that readily settle or float to be separated from the water being treated. Collector arms that move along the top and the bottom remove over 80 percent of the influent wastewater solids. Solids are then sent to the digesters for processing



5. SECONDARY TREATMENT
Trickling filters and aeration basins are used to further clean the water. In trickling filters the water is sprayed over a honeycomb type material upon which aerobic bacteria grow. As the water trickles down, the microorganisms consume the solids that were not removed through primary treatment. Aeration tanks use a combination of oxygen and microorganisms, (activated sludge) that consume the remaining organic solids. Treated water is then sent to the Orange County Water District for recycling, or discharged into the ocean.



6. GROUNDWATER REPLENISHMENT SYSTEM
A joint project between Orange County Sanitation District and Orange County Water District. This system reduces the amount of wastewater discharged to the Pacific Ocean and creates a reliable supply of high-quality water that is drought-resilient.



7. SOLIDS PROCESSING
Solids captured from primary and secondary treatment are batch loaded into anaerobic digesters where they are heated to about 98 degrees and treated for 18-21 days. The digestion process produces methane gas and a material called biosolids. Biosolids are sent to the dewatering facility where they are run through dewatering centrifuges. The centrifuges spin the biosolids separating water from the solids. This process saves OC San several million dollars per year in truck hauling costs. The nutrient-rich biosolids are trucked off to farms where they are recycled for direct land application and composting.



8. CENTRAL GENERATION
Methane gas that is captured from digesters is compressed and used to fuel engine generators that produce electricity, supplying more than 60% of our energy needs.



Bus Banners

BRANDING

Fiscal Year 2022/23 – Corporate Identity



Cart Signs, Tet Festival

BRANDING

Fiscal Year 2022/23 – Signage



Contractor Hat Decal

BRANDING

Fiscal Year 2022/23 – Corporate Identity



OC San Plant Banners

BRANDING

Fiscal Year 2022/23 – Corporate Identity



GWRIS Teams Background

BRANDING

Fiscal Year 2022/23 – Corporate Identity



GWRIS Step and Repeat Banner

BRANDING

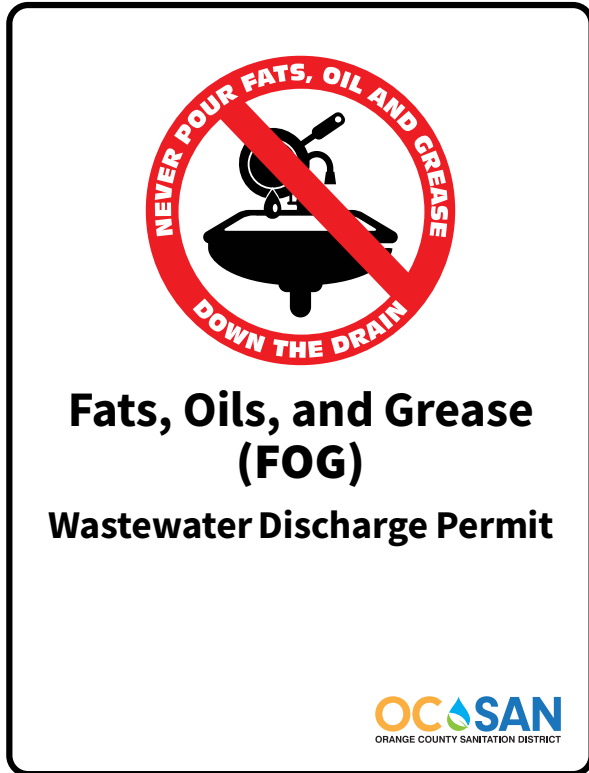
Fiscal Year 2022/23 – Corporate Identity



GWRS Gift Tag

BRANDING

Fiscal Year 2022/23 – Signage



FOG Signs



BRANDING

Fiscal Year 2022/23 – Signage



OC San Stickers for Lab

BRANDING

Fiscal Year 2022/23 –
Signage - Public Works Week

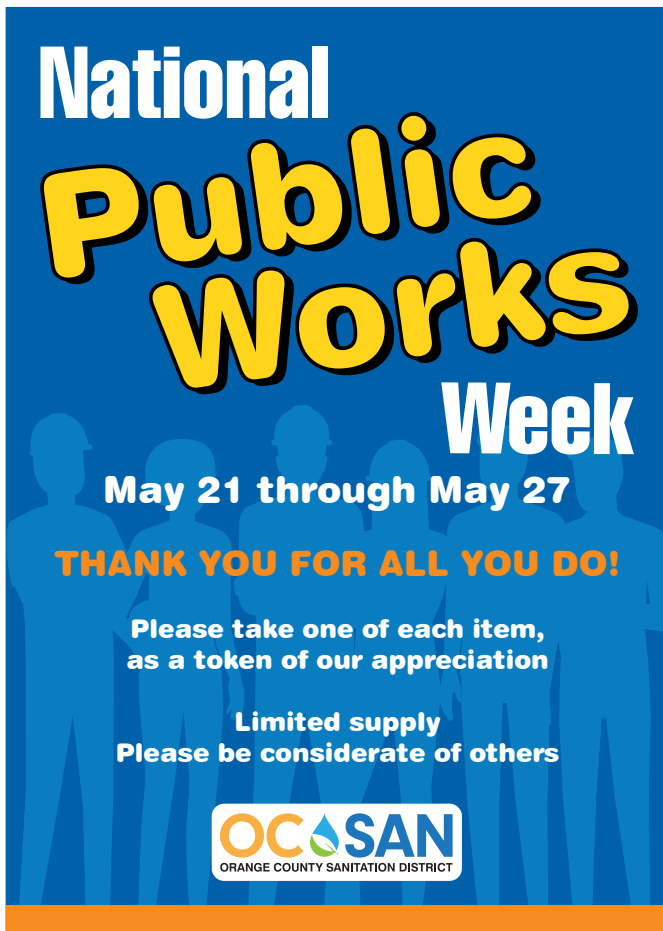
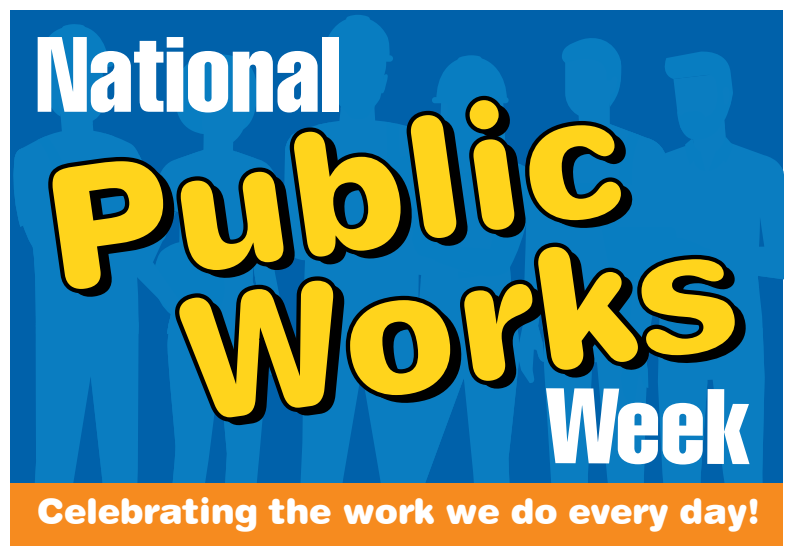


Table Tent



Front Gate Banner

BRANDING

Fiscal Year 2022/23 – Signage



OC SAN
ORANGE COUNTY SANITATION DISTRICT

MacArthur Pump Station

Call (714) 962-2411

4219 MacArthur Boulevard, Newport Beach, CA 92660

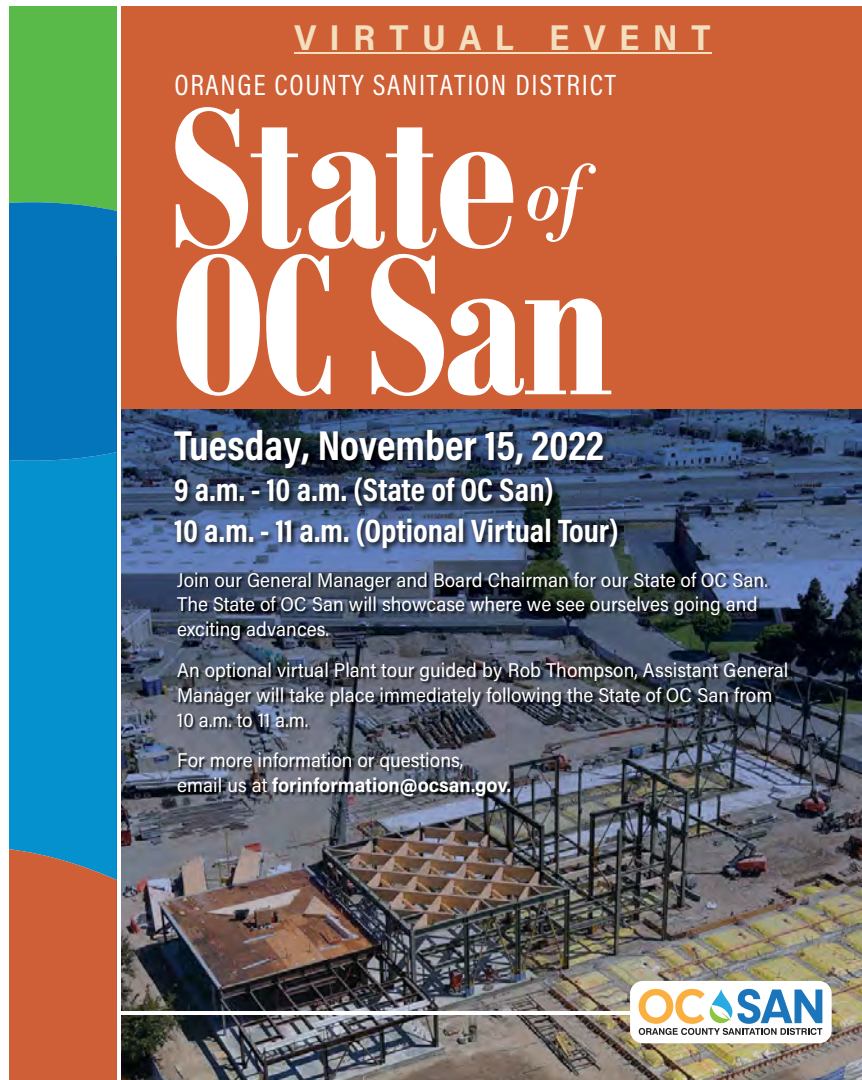
Pump Station Sign

A large, stylized blue leaf graphic is centered on the page, overlapping the text. The leaf has a pointed tip and a curved shape, with a lighter blue circular area behind it.

LEGISLATIVE FISCAL YEAR 2022/23

OUTREACH

Fiscal Year 2022/23 – Virtual Event -
State of OC San



VIRTUAL EVENT
ORANGE COUNTY SANITATION DISTRICT


State of OC San

Tuesday, November 15, 2022
9 a.m. - 10 a.m. (State of OC San)
10 a.m. - 11 a.m. (Optional Virtual Tour)

Join our General Manager and Board Chairman for our State of OC San. The State of OC San will showcase where we see ourselves going and exciting advances.

An optional virtual Plant tour guided by Rob Thompson, Assistant General Manager will take place immediately following the State of OC San from 10 a.m. to 11 a.m.

For more information or questions, email us at forinformation@ocsan.gov.



OC SAN
ORANGE COUNTY SANITATION DISTRICT



**ADMISSION TO
OC SAN VIRTUAL TOUR**



OC SAN
ORANGE COUNTY SANITATION DISTRICT

Flyer and Admission Ticket

INTERNAL PROJECTS

Fiscal Year 2023/24 – Headquarters



- Mass timber is featured into the design of the building, consisting of glulam timber beams and cross laminated timber floor panels
- The largest mass timber beam measures 12 ¾-inch wide by 40 ½-inch deep and 73 feet long (look up to see this beam)
- Pursuing LEED Gold
- Targeting Net Zero Energy, producing more renewable energy than it uses



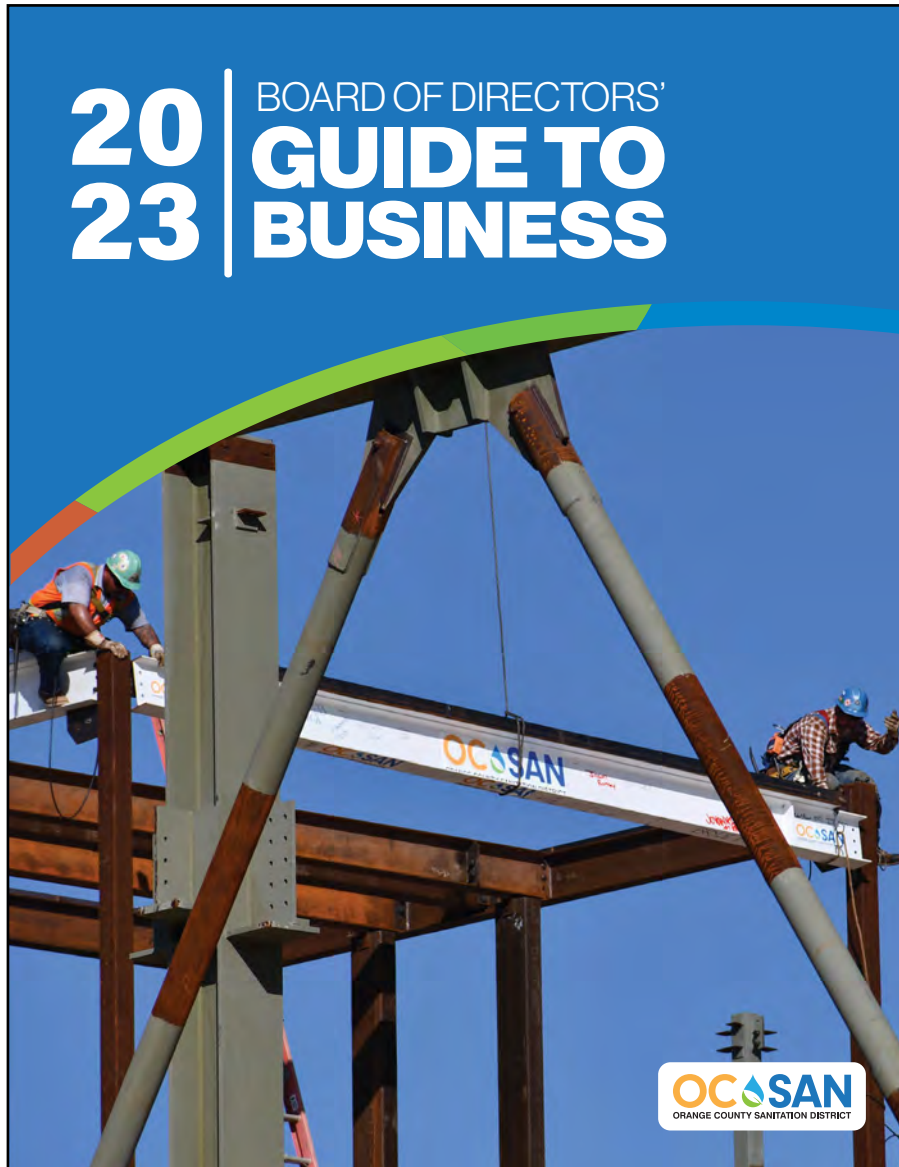
- Three-story building totaling 109,000 square feet
- Solar photovoltaic panels on roof and parking lot provide 45 percent of renewable energy
- Parking lot with electric vehicle charging stations



Signs for Board Tour of Headquarters

REPORTS

Fiscal Year 2022/23



Guide to Business Report

A large, stylized blue water drop graphic is centered on the page. It has a gradient from a darker blue at the top to a lighter blue at the bottom. The text is overlaid on this graphic.

REPORTS

FISCAL YEAR 2022/23

REPORTS

Fiscal Year 2022/23



First Quarter Financial Report
Cover Design

REPORTS
Fiscal Year 2022/23



Asset Management Plan Report

REPORTS

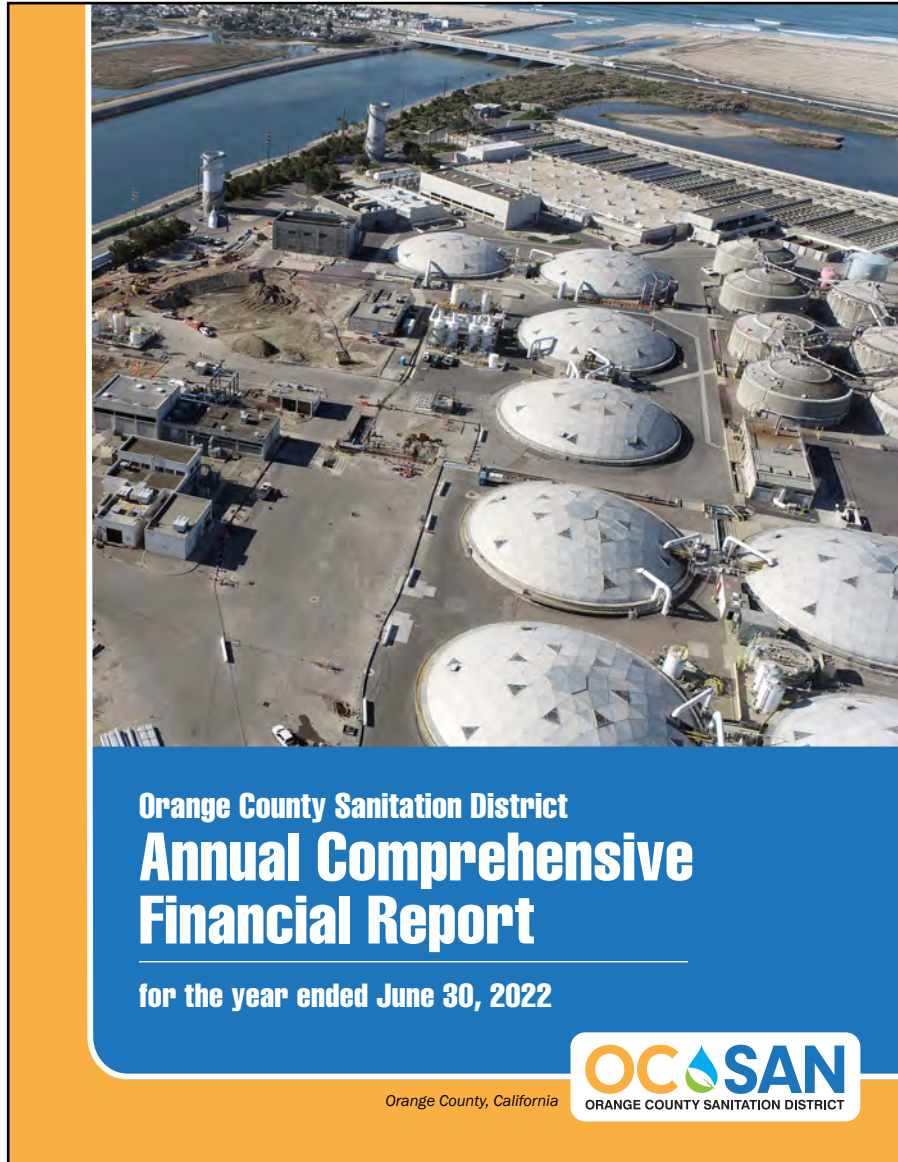
Fiscal Year 2022/23



Budget Update Report

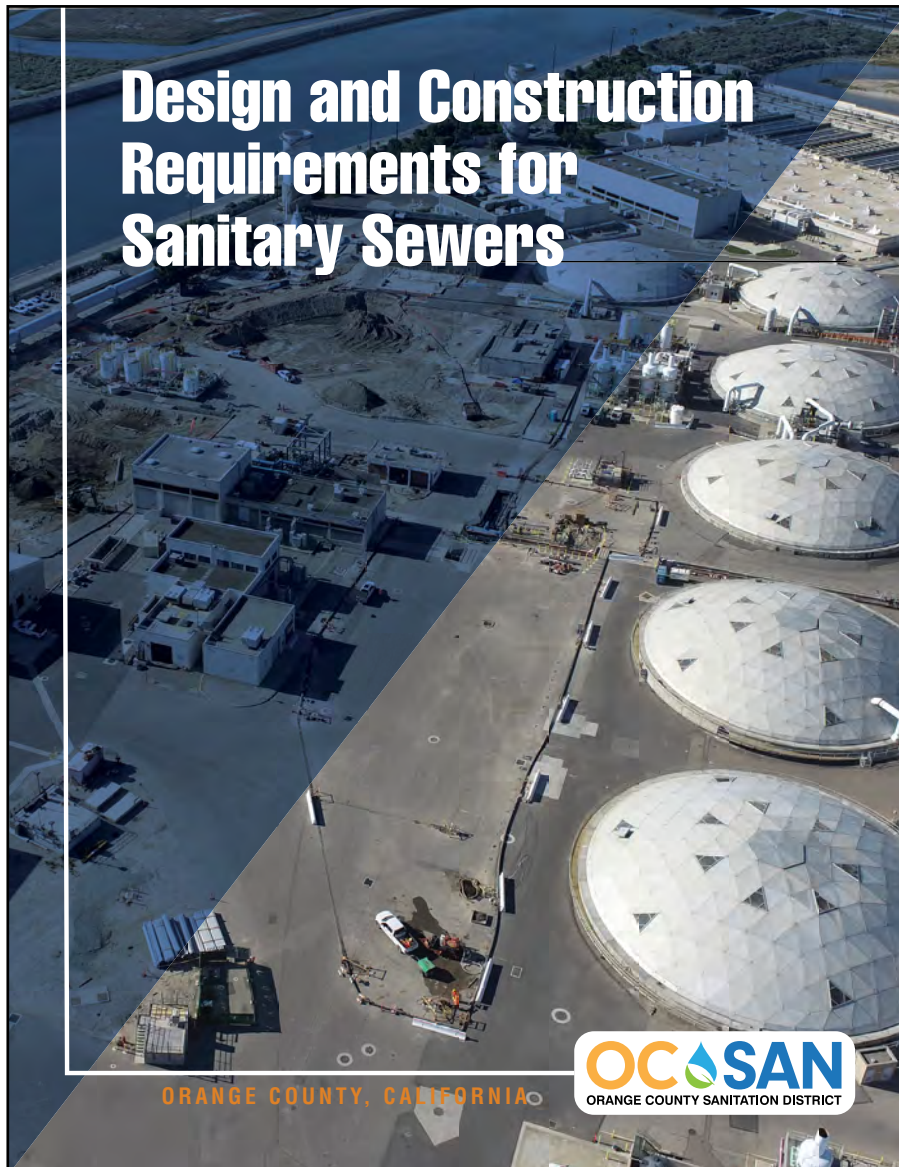
REPORTS

Fiscal Year 2022/23



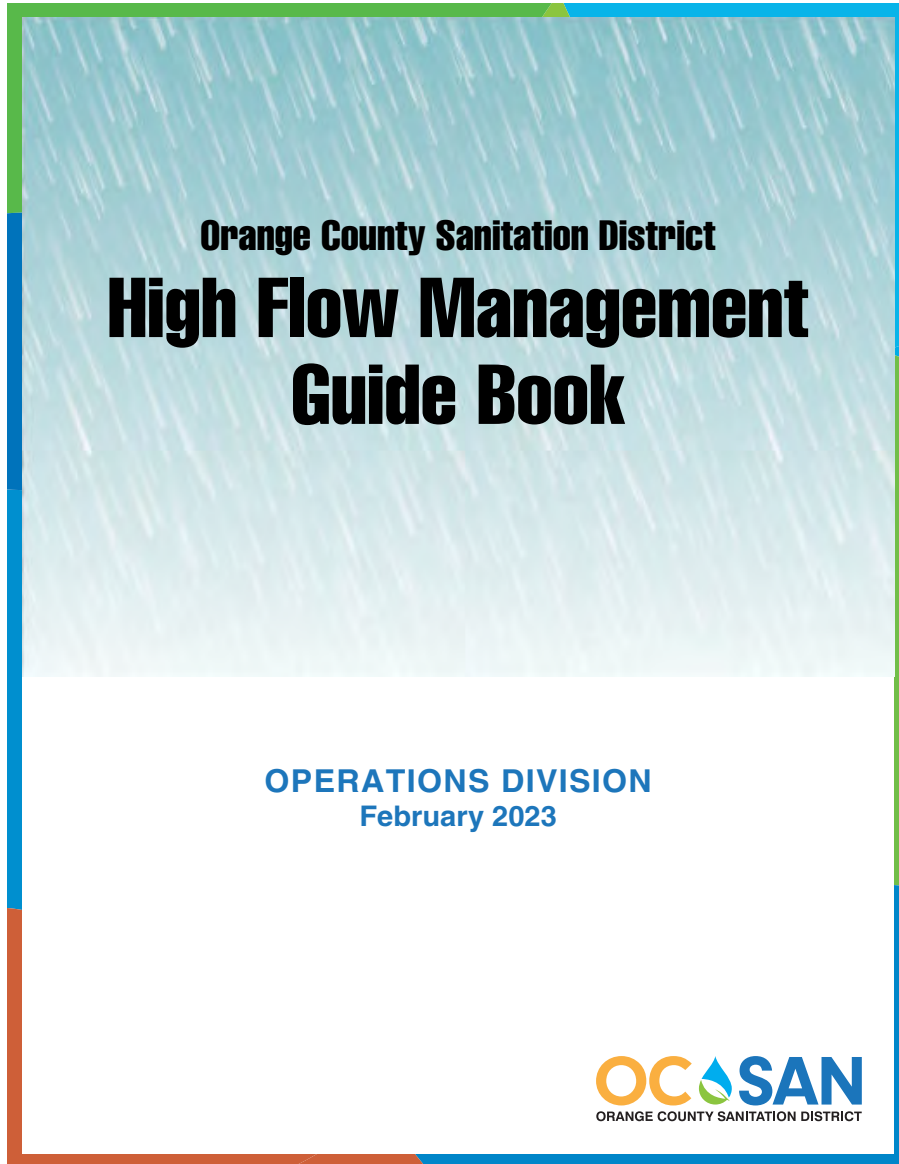
Annual Comprehensive Financial Report
Cover Design

REPORTS
Fiscal Year 2022/23



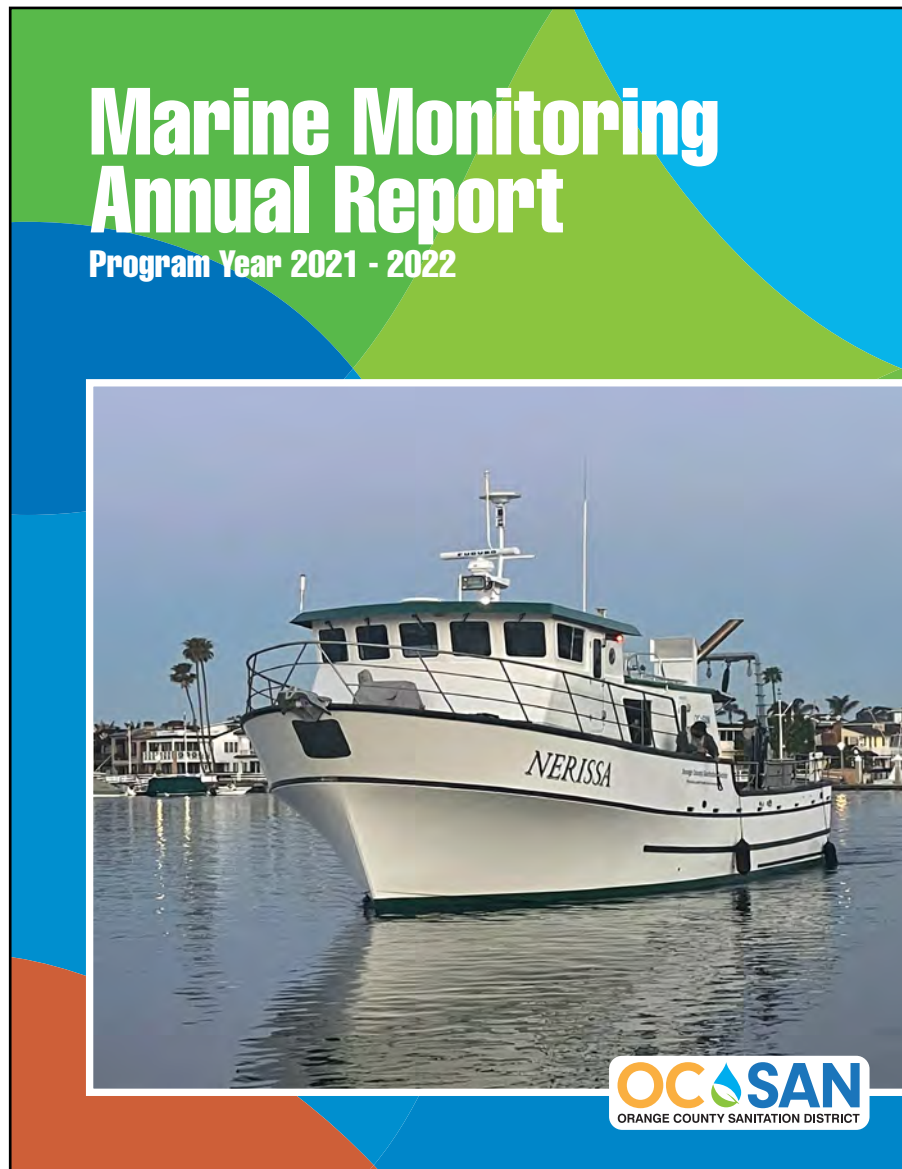
Design and Construction Report

REPORTS
Fiscal Year 2022/23



High Flow Management Cover Design

REPORTS
Fiscal Year 2022/23



Marine Monitoring Annual Report
Cover Design

REPORTS

Fiscal Year 2022/23



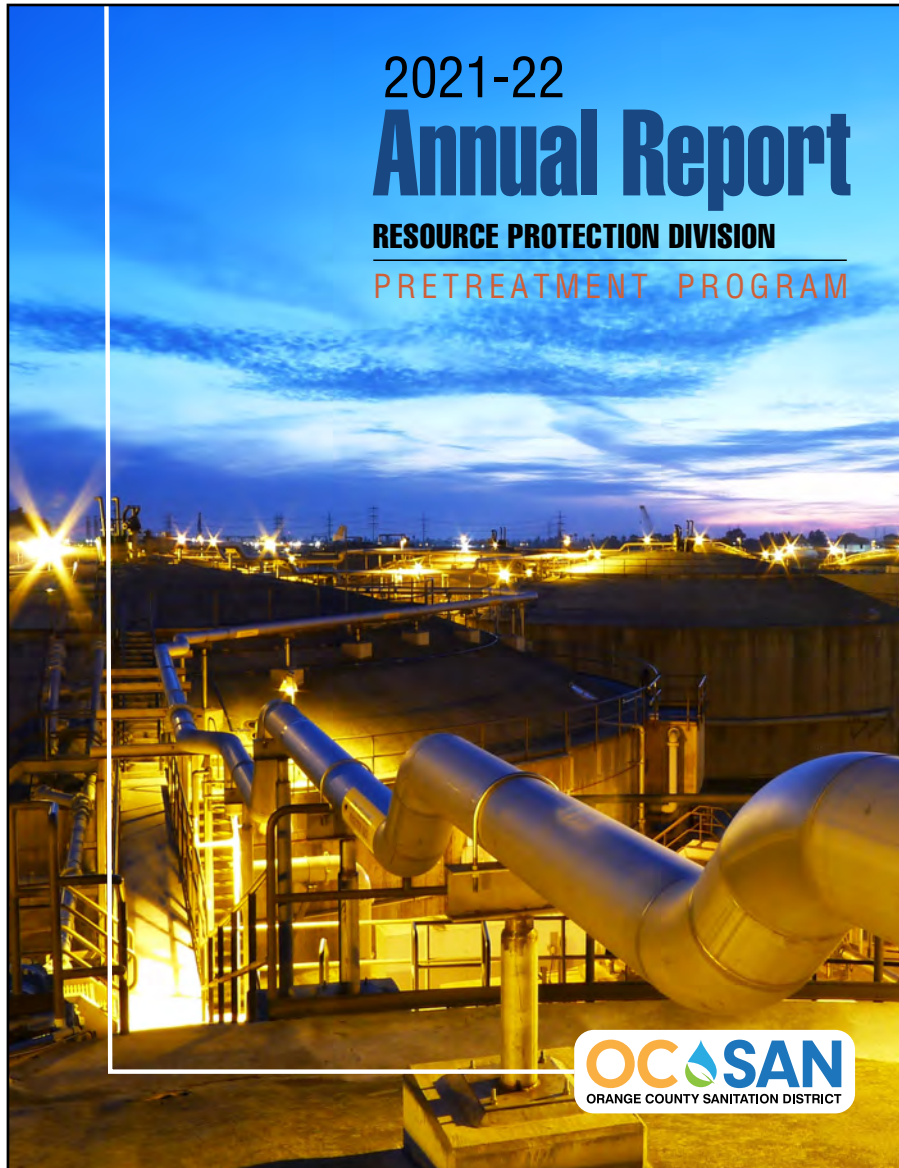
OC San Annual Report

REPORTS
Fiscal Year 2022/23



Mid-Year Financial Report

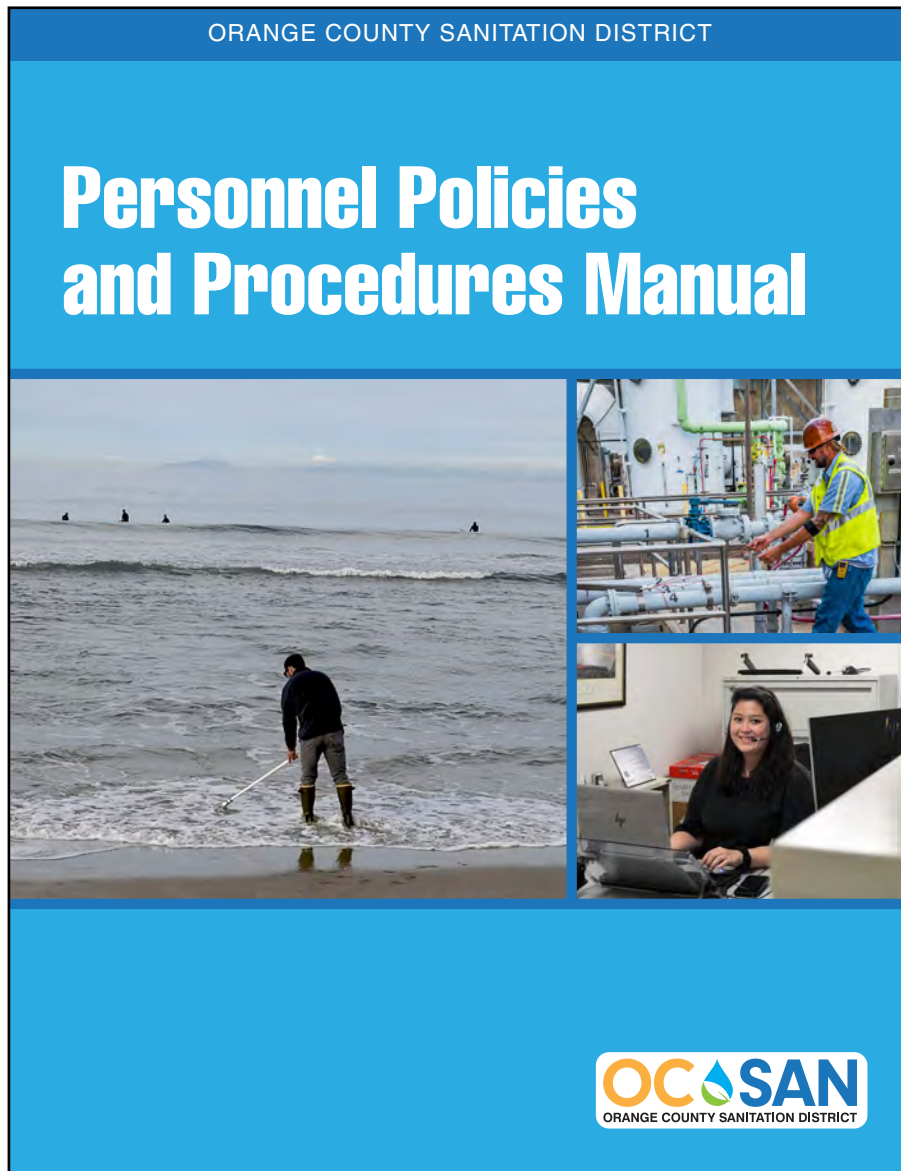
REPORTS
Fiscal Year 2022/23



Resource Protection Annual Report
Cover Design

REPORTS

Fiscal Year 2022/23



Personnel Policies and Procedures Manual

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OUTREACH

FISCAL YEAR 2023/24

OUTREACH

Fiscal Year 2023/24 – Community Newsletter


OC San Connection
community newsletter
published by the orange county sanitation district
Summer 2023

Celebrating 69 Years as Environmental Stewards


It all started on June 9, 1954 – the County Sanitation Districts of Orange County began official operations taking over the duties of the Joint Outfall Sewer (the original sewer agency). Today, 69 years later, as the Orange County Sanitation District, we are more than just a wastewater treatment plant, we are a resource recovery facility. We are recycling 100 percent of our reclaimable flow, we recycle about 540 tons of biosolids (nutrient-rich organic byproduct of wastewater treatment), we generate an average of 7.1 million kilowatts of energy per month, and so much more.

Over 600 employees work day in and day out to meet the same mission we had back then, to protect public health and the environment.

Cheers to us for celebrating 69 years! Learn more about OC San and our history on our website at www.ocsan.gov.



Aerial view of OC San circa 1953.



Aerial view of construction of Ocean Outfall in Huntington Beach, circa 1930s.

OC San Connection
community newsletter
published by the orange county sanitation district
Fall 2023

MAKING IMPROVEMENTS to Better Serve You!

Protecting public health and the environment requires a septic system in place to ensure the over 180 million gallons of wastewater received daily are properly collected, treated, and recycled. To make this happen we must invest in our infrastructure.

We have a 10-year, \$3 billion Capital Improvement Program (CIP) to maintain, rehabilitate, or upgrade our two treatment plants, 15 pump stations, and almost 400 miles of regional sewer pipes.

We have two CIP projects starting construction later this year that will make infrastructure improvements in the communities of Costa Mesa and Newport Beach.

The first is the MacArthur Project along MacArthur Blvd. between Newport Place/Von Karman Avenue and Birch Street within the City of Newport Beach. The project will install about 1/3 of a mile of new pipe and several new manholes.

This project is slated to start later this year and will be in construction for approximately one year. More information on this upgrade can be found online at www.ocsan.gov/MacArthur.

Another infrastructure improvement project scheduled for later this year is the rehabilitation of two parallel regional sewer pipelines along a 1-mile stretch on [Airport Avenue and Airport Loop Drive](http://www.ocsan.gov/airport) (www.ocsan.gov/airport) in the City of Costa Mesa, near the John Wayne Airport. A secondary portion to this project is the rehabilitation of approximately four miles of the regional sewer pipeline that runs [along the I-405 freeway in the City of Costa Mesa](http://www.ocsan.gov/longthe405) (www.ocsan.gov/longthe405).

As specific schedules are available, they will be posted on our website. We encourage you to visit the project pages to sign up for email and text notifications to stay informed and be among the first to know about the project developments.

To gain deeper insights into our Capital Improvement Program and to learn more about additional upcoming projects, please explore our latest [annual report](http://www.ocsan.gov/construction) (www.ocsan.gov/construction).



OC San Connection
community newsletter
published by the orange county sanitation district
Winter 2024

OC San Celebrates 70 Years of Environmental Excellence

The Orange County Sanitation District has an extensive history that has made it what it is today. On June 9, 1954, we began official operations as the County Sanitation District of Orange County. This year, marks 70 years of hard work, dedication and prosperity that has allowed OC San to transcend its role well beyond a wastewater treatment plant, to an essential resource recovery facility that recycles water, produces energy, and creates nutrient-rich organic matter.

With a workforce of over 650 employees serving 2.6 million people in central and northwest Orange County, we remain committed to protecting public health and the environment through effective wastewater treatment and recycling.

Join us as we celebrate 70 remarkable years throughout 2024!

Save the Date

OC San is hosting a **COMMUNITY OPEN HOUSE** to commemorate the milestone and we invite all of you.

Saturday, June 8, 2024

Updates will be posted on our website and on our social media platforms.

OC San Connection
community newsletter
published by the orange county sanitation district
Spring 2024

70 and Going Strong

Throughout our 70 years, OC San has worked very hard to transform our wastewater treatment plants to the resource recovery facilities that we operate today. OC San repurposes and utilizes every byproduct possible generated during the wastewater treatment process. To gain a clear picture of who we are, we must look back on our journey.

OPEN HOUSE

Celebrating 70 Years of Environmental Excellence

Come celebrate 70 years of environmental excellence at our upcoming Open House!

Don't miss out on this fun and FREE event for the community.

See page 7 for more information.


Newsletters

OUTREACH

Fiscal Year 2023/24 – Seal Beach Pump Station

Orange County Sanitation District


SEAL BEACH PUMP STATION >>>>>>>>



Start Date: Spring 2024
Duration: ~ 4 years

As part of the Orange County Sanitation District's (OC San) Capital Improvement Program, the Seal Beach Pump Station is being replaced. The 1970's station is located at the corner of Seal Beach Blvd. and Westminster Ave. in the City of Seal Beach. The project will start this spring and last approximately four years.

The pump station is nearing the end of its useful life and needs to be replaced with a new facility that will include a more efficient pumping system, odor treatment systems, and a standby emergency generator. The new station will be constructed on the same site, once fully operational, the old pump station will be demolished.



>>>>>>>>



Handout


Orange County Sanitation District

SEAL BEACH PUMP STATION >>>>>>>>

[Text Here]

If you would like additional information, please call our dedicated Community Liaison on the Construction Hotline (714) 378-2965 or e-mail ConstructionHotline@ocsan.gov >>>>

10844 Ellis Avenue, Fountain Valley, CA 92708-7018
www.ocsan.gov | Connect with us on social media @OCSanDistrict



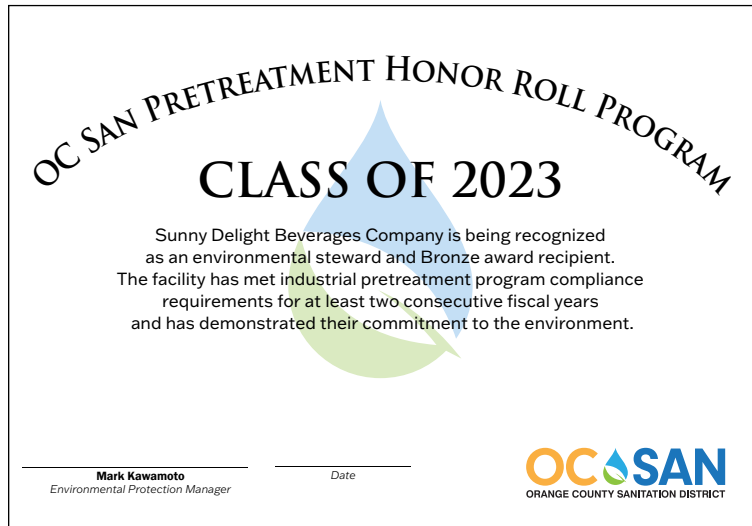
Template

OUTREACH

Fiscal Year 2023/24 – Honor Roll Post Card



Postcard



Certificate



Window Decal

OUTREACH

Fiscal Year 2023/24 – Tet Festival



Parade Banner



OUTREACH

Fiscal Year 2023/24 – CWEA Water Jobs

CALIFORNIA WATER JOBS

The next big water challenge for California is a shrinking workforce as highly specialized workers have reached retirement age and are leaving the profession. We've refilled our reservoirs but need to refill the water workforce pipeline!

Many California water and wastewater agencies have seen significant turnover in recent years. More than half of our workforce is retiring in large waves, a trend some call the 'silver tsunami.'

You can help California's water associations build a healthier, more resilient water system by raising the profile of the mighty water workforce. Please help us spread the word about these stable, well-paid, high-quality, inclusive career opportunities.

WHAT WATER HAS TO OFFER



Family sustaining wages and benefits. Pay for entry-level workers is 50% higher than in other industries.



Stability. Everyone needs water, so jobs are secure and in demand wherever you want to live.



Fast way to \$100K without a degree. Community college and trade programs can help you on your career journey to earning more, but college degree not required for all positions.



Big projects. Critical responsibilities. Water workers are responsible for protecting public health and the environment for all Californians.



Overflowing with opportunities. The wave of retirements means promotional opportunities come up quickly, and many agencies provide training and tuition reimbursement.



Work as a team. Water professionals work closely together, sharing a common goal and supporting a welcoming and inclusive environment.

WATER JOBS ARE IN HIGH DEMAND



Instrumentation Technicians: Install, repair, and inspect manufacturing equipment and monitoring devices.



Electricians: Install, repair, operate, and maintain electrical systems.



Mechanics: Performs preventative and corrective maintenance on equipment, vehicles, and machinery.



Heavy Equipment Operators: Operates and maintains a variety of heavy and light equipment used in the operation and maintenance.



Water Treatment Operators: Manage a system of machines to treat and transfer water.



Wastewater Treatment Operators: Operate a system of machines used to clean and improve the quality of wastewater.

WATER IS HIRING!

Find career paths, salary info, job openings, and local training info from your local water supplier or at:

www.CAWaterJobs.org

www.Baywork.org

www.IEWorks.org

www.MWDOC.com/weea

There is something for everybody.

Water offers

OVER 200

different career pathways.

CWEA Employment Flyer

OUTREACH

Fiscal Year 2023/24 – Easement Post Card



Post Card Front



Post Card Back

OUTREACH

Fiscal Year 2023/24 – Careers Brochure

The image shows the cover of a brochure titled "Engineering Careers in Wastewater". The cover has a blue background with a pattern of light blue leaves. At the top, in a dark blue banner, is the title "Engineering Careers in Wastewater" in white. Below this, the text "Learn about the many" is followed by "roles we play" in large, bold, black font. In the center is a photograph of three people: a man on the left in a blue shirt and khaki pants, a woman in the middle in a black top, and a woman on the right in a dark blue dress. At the bottom, in a dark blue banner, is the text "ORANGE COUNTY SANITATION DISTRICT" in white.

Engineering Careers
in Wastewater

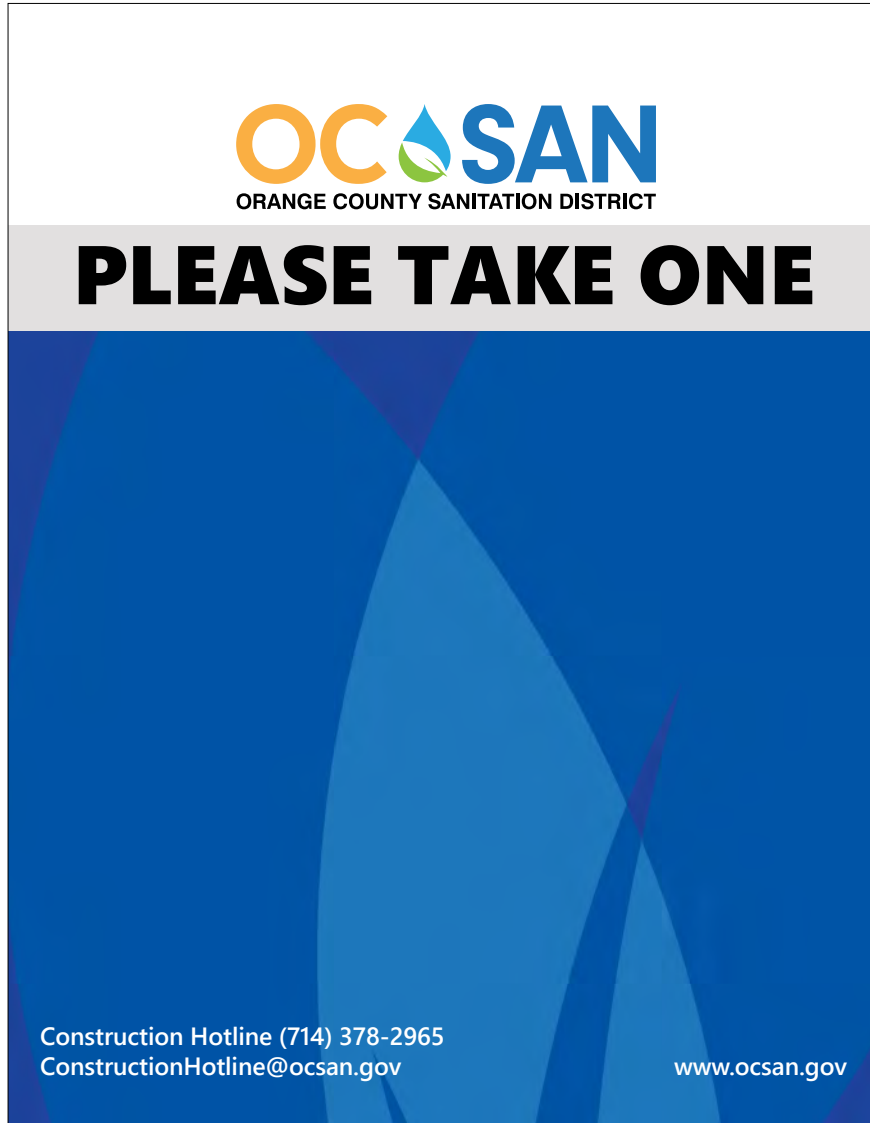
Learn about the many
roles
we **play**

ORANGE COUNTY SANITATION DISTRICT

Engineering Brochure

OUTREACH

Fiscal Year 2023/24 – Flyer Box



Flyer Box



OUTREACH

Fiscal Year 2023/24 – Construction

CONSTRUCTION AT

BUSHARD ST

You may have noticed driving down Bushard Street near Ellis Avenue some construction work. The Orange County Sanitation District (OC San) has been in the City of Fountain Valley streets working on their Diversion Structure since mid-April.



What is a Diversion Structure you ask? It's a structure that is critical to the conveyance of wastewater and is responsible for diverting wastewater flows through large diameter sewer pipelines (think 8- to 9-foot wide!) that go to OC San's treatment facilities.

The majority of the work will take place during daytime hours. However, there will be some night work for critical activities that will need to occur when sewer flows are at their lowest which is during the nighttime hours. The maintenance work that is being done is helping the longevity of the structure for the next 70 years. Construction will be completed in the summer months, until then please excuse the traffic control set ups and any delays they may cause. OC San appreciates your patience.



Have any questions about the construction?

Visit www.ocsan.gov/Bushard or contact the Construction Hotline at (714) 378-2965 or email constructionhotline@ocsan.gov.

OC San is a public agency that provides regional wastewater collection, treatment, and recycling services for approximately 2.6 million people in central Orange County and treat over 180 million gallons of wastewater each day. OC San operates two treatment facilities, one in Huntington Beach and one right here in Fountain Valley.



Fountain Valley Living Magazine Ad

OUTREACH

Fiscal Year 2023/24 – Video Contest



Find Yourself at OC San



VIDEO CONTEST

OC San is more than just a job, it is a career. You probably never imagined that your dream job would be at a wastewater treatment plant but after participating in our video contest, it just might be. Submit a 15-59 second video that highlights an OC San career and get entered for a chance to win.

Five Prizes Awarded*

- Three winners receiving - \$500**
- Selected by an OC San Judging panel.
- Instagram Viewer's Choice Award - \$250**
- Video with the most likes
- Facebook Viewer's Choice Award - \$250**
- Video with the most reactions

Deadline

Entries must be submitted no later than April 30, 2024. Winners will be announced in June 2024.



*OC San reserves the right to not award, or to modify the monetary awards presented as deemed appropriate or necessary.


00:00:60:00

Flyer - Front

Who May Enter

Students who live or attend a high school or college within the OC San service area. Entries can be a group or individual effort. Each participating group and/or individual may only submit one entry to win. Students and/or groups may only be selected once to receive a winning entry.

Preparing Your Entry

- The video must be between 15 – 59 seconds in length.
- No professional assistance or use of copyright material is allowed. This will result in automatic disqualification.
- A completed entry form must accompany each video submitted. Please note that all submissions are the property of OC San and will not be returned.

Must Haves for Video

- A career title must be highlighted in the video. Suggested phrase: If I worked at OC San, I would be a (career title), because (reasoning).
- For a list of OC San career opportunities, visit ocsan.gov/video
- The sentence "I found myself at OC San" must be said in the video.



General Conditions

- Obscene, provocative, or otherwise questionable content will not be considered. We retain sole discretion as to what constitutes inappropriate content.
- By entering the contest, entrants agree to have their submitted name displayed on our website, and social media platforms and used by OC San for any purpose, at any time, without any fee or other form of compensation. We reserve the right to disqualify users, without notice, and for any reason.

To view previous submission, please visit:
<http://www.youtube.com/user/2OC SAN>

(Technical information may be outdated)

If you are unsure if you are within the OC San service area, email Belen Carrillo at bcarrillo@ocsan.gov for verification.

Submissions must be emailed to
forinformation@ocsan.gov

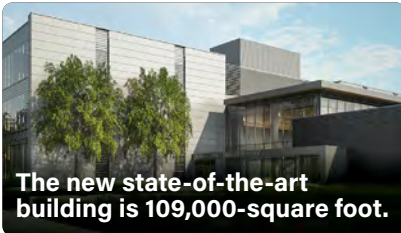


Flyer - Front

OUTREACH

Fiscal Year 2023/24 – Headquarters

OC SAN | HEADQUARTERS FACT SHEET
ORANGE COUNTY SANITATION DISTRICT



The new state-of-the-art building is 109,000-square foot.



Construction of the building took nearly three years.


The new Headquarters seamlessly connects to Plant No. 1 with a 220-ft pedestrian skybridge; the first open air pedestrian bridge in Fountain Valley.



The building is a pivotal step in bringing together our workforce of more than 300 dedicated professionals who have been dispersed across a sprawling 100-acres that make up our Fountain Valley plant.

The consolidation of staff onto one offsite location will open up space for long-term planning and the expansion of future wastewater facilities.


The new three-story building is still close by, located across the street from our current Plant No. 1 Administration Building.




For more information visit www.ocsan.gov/headquarters

Fact Sheet

OC SAN | HEADQUARTERS FACT SHEET
ORANGE COUNTY SANITATION DISTRICT




The new building has many environmental components, including solar photovoltaic panels on the roof and parking lot providing 45 percent of renewable energy, targeting net-zero energy and pursuing LEED Gold certification.





The building design integrated the most environmentally friendly features and materials including a hybrid of mass timber columns and decking combined with exposed steel-braced framing.

OC San received \$40,000 through the State of California Woodworks Grant as part of the Mass Timber competition for an educational display.



OC San is a public agency that provides wastewater collection, treatment, and recycling for approximately 2.6 million people in central and northwest Orange County. OC San is a special district that is governed by a 25-member Board of Directors composed of 20 cities, four special districts, and one representative from the Orange County Board of Supervisors. OC San has two operating facilities that treat wastewater from residential, commercial, and industrial sources.

Follow us on social media @OCsanDistrict   

www.ocsan.gov

Fact Sheet

OUTREACH

Fiscal Year 2023/24 – Employment

Recruitment Announcement



SENIOR INFORMATION TECHNOLOGY ANALYST FINANCE SUPPORT

ABOUT OC SAN

The Orange County Sanitation District (OC San) has provided more than 70 years of outstanding and innovative service to residents and businesses in north and Central Orange County, California. As the first largest wastewater agency west of the Mississippi River, OC San is focused on providing an excellent level of service to its rate payers. With the mission, "To protect public health and the environment by providing effective wastewater collection, treatment and recycling," OC San has maintained an extensive ocean monitoring program for over 30 years.

OC San is nationally recognized as a leader in wastewater recycling, biosolids management, and energy recovery. In 2003, OC San became the first biosolids program in the nation to be certified by the National Biosolids Partnership (NBP). OC San produces over 365 million pounds of biosolids a year which are recycled for use on agricultural land or used to produce compost material. OC San also captures and recycles methane gas to produce electricity and heat that powers over 60% of its energy needs, saving OC San rate payers millions of dollars every year.


OC San's two treatment plants, located in Fountain Valley and Huntington Beach, process about 180 million gallons of wastewater each day generated by approximately 2.6 million residents and businesses within the service area. While some of the treated water from the two treatment plants is released over five miles out into the ocean at a depth of two hundred feet below the surface of the water, most is recovered into Orange County's main water supply through the visionary Groundwater Replenishment System (GWRS), a project jointly funded by the Orange County Water District (OCWD) and OC San, which began operation in 2008. The GWRS is the largest water purification project of its kind in the world and can produce up to 130 million gallons (492,000 cubic meters) of water per day of near-distilled, high-quality water. That is enough to meet the needs of nearly one million residents in north and central Orange County.

OC San is governed by a 25-member Board of Directors, comprised of representatives appointed from 20 service-area cities, two sanitary districts, two water districts, and one representative from the Board of Supervisors. The Board oversees operations, approves programs and projects and sets policy. The Board has three standing sub-committees. These committees are: Steering Committee, Administration Committee, and Operations Committee. Board and Committee meetings are typically held on Wednesday evenings. For a full list of committees and meeting times, please visit www.ocsan.gov.

(Continued on other side)



Flyer - Front



EDUCATION, CERTIFICATIONS AND EXPERIENCE

The successful candidate will possess:

- A Bachelor's degree from a college or university accredited by the U.S. Department of Education, with major coursework in computer science, information systems, or a related field;
- At least four (4) years of work experience in information systems or network programming and analysis;
- A valid California Class C Driver's License.

Any combination of education and experience that provides the required knowledge, skills, and abilities may be qualifying as determined by OC San.

BENEFITS AND COMPENSATION

The annual salary range for this position is **\$128,585.60 - \$141,710.40**. Placement within this range will be dependent upon the qualifications of the successful candidate and OC San policies. Benefits include vacation leave; eleven paid holidays and one floating holiday; sick leave; administrative leave; group life insurance; group disability insurance; group health insurance (employee contribution required); dependent coverage available, including medical, dental, and vision; a retirement* plan (Orange County Employees Retirement System) and the option of participating in a deferred compensation plan as well as other optional benefits. A credit union is available. Benefits are subject to the Board of Directors' periodic determination (usually annually) and the meet and confer process, and are therefore subject to change. The District makes a generous contribution toward the cost of these benefits.

*New employees hired on or after January 1, 2013 will be subject to the retirement benefit formula and provisions set forth by the California Public Employees' Pension Reform Act of 2013 (PSPRA).



All employees contribute to the Orange County Employees Retirement System (OCERS). Contributions are based on an OCERS actuarially determined rate structure and age at time of employment; contributions are deducted on a pre-tax basis. The retirement benefit formula is 2.5% at age 67, however, employees with reciprocity may be eligible for the 2.43% at age 65 retirement formula (also known as "1.667% at 57").

For an overview of OC San's benefits, please visit www.ocsan.gov/about-us/jobs/employee-benefits.

HOW TO APPLY

APPLY ONLINE AT WWW.OCSAN.GOV/JOBS by **MONDAY, MAY 20, 2024**.

For questions and inquiries, please contact:
Adam Montoya, Human Resources Analyst
 Telephone: (714) 593-7026
 E-mail: amontoya@ocsan.gov

Stay Connected! Follow us @OCSanDistrict   

An Equal Opportunity/ADA Employer



THE SENIOR INFORMATION TECHNOLOGY ANALYST (FINANCE SUPPORT) ROLE

Under direction, performs advanced professional-level information technology support duties in the analysis, design, evaluation, development, programming, testing, implementation, documentation, and maintenance of a wide variety of systems and programs for OC San; provides support to departments with complex computer systems and programs and/or enterprise systems; troubleshoots, analyzes, and resolves difficult and complex systems and software problems; serves as a project manager on assigned projects; evaluates and recommends current and third party systems and applications; provides highly technical support, expertise, and training to end users; and performs duties as assigned.

This individual will be responsible for:

- Designing and implementing financial reports.
- Prepare functional design documents for any changes or implementations for supported financial systems.
- Designing, writing, and updating process documentation for supported financial systems.
- Suggesting improvements to current processes being performed by Finance group.
- Work with Finance group to understand and troubleshoot key areas of business including but not limited to In-house Payroll, Procurement, General Ledger Accounts Payable, Revenue.
- Maintains system configuration for finance supported software.
- Performs system administration tasks including but not limited to periodic updates, break fix updates, and general upgrades.
- Performs data quality analysis during financial system implementations, upgrades and enhancements.
- Provides quantitative and qualitative business process analysis.

Flyer - Back

OUTREACH

Fiscal Year 2023/24 – Signage

OC San Connection

community newsletter

published by the orange county sanitation district

Stay up-to-date with OC San.


Scan to receive our newsletter directly in your inbox.

Follow us on social media @OCSanDistrict   

Event Sign

OUTREACH

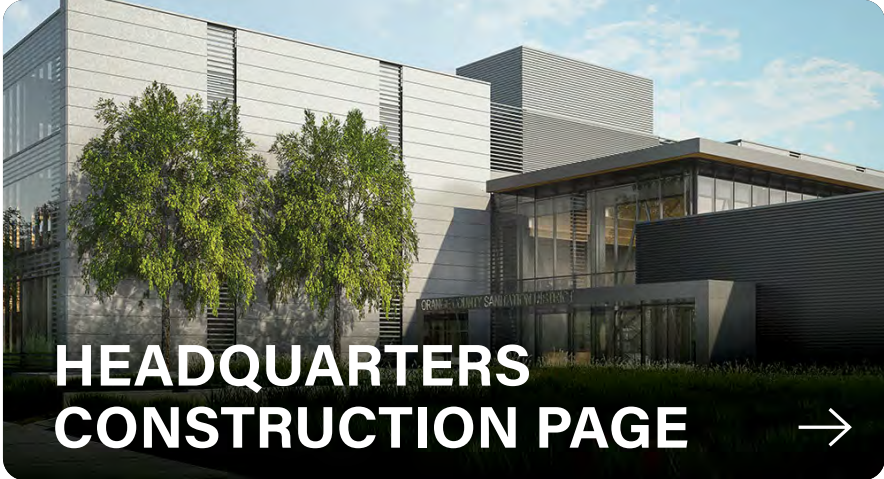
Fiscal Year 2023/24 – Headquarters




ORANGE COUNTY SANITATION DISTRICT

HEADQUARTERS MEDIA KIT

OC San is the regional wastewater provider for 2.6 million people in central and northwest Orange County, CA, operating two reclamation plants, 15 pump stations, and nearly 400 miles of sewer pipes.



HEADQUARTERS CONSTRUCTION PAGE



PICTURES

HQ Fact Sheet




Media Alert

What We Do
General Brochure

Facts and Key Statistics

Annual Report
2022/2023

Budget
Fiscal Year 2023-24

Follow us on social media @OCSanDistrict   

www.ocsan.gov

Media Kit

OUTREACH

Fiscal Year 2023/24 – Brochure

ABOUT OC SAN

- OC San is the regional wastewater sewer provider for 2.6 million people in north and central Orange County.
- OC San treats about 180 million gallons of wastewater every day, and provide 130 million gallons of wastewater to the Groundwater Replenishment System which produces enough drinking water for 1 million people.
- We have 15 pump stations and almost 400 miles of sewers in our service area which encompasses 20 cities, four special districts, and unincorporated portion of the County of Orange.



FOG

Fat, Oils, and Grease (FOG) should never be poured down the sink or garbage disposal. FOG sticks to the interior of the sewer pipes, hardens over time, and can eventually cause a backup leading to a sewage spill in your home or on our streets.

The best way to get rid of FOG is to let it cool/harden, mix it with other absorbent materials, place it in a bag or container and then throw it in the trash.






www.ocsan.gov
forinformation@ocsan.gov
714.962.2411

Follow us on social media @OCSanDistrict   

Take a tour of the largest wastewater facility in the county. Sign up at www.ocsan.gov/tours

KEEP IT FLOWING

Best Practices For Proper Disposal



Orange County
Sanitation District

04/2024






ONLY
The 3 Ps
**pee,
poop
and paper**
(toilet)

should be flushed down the toilet.



“FLUSHABLE” WIPES ARE NOT FLUSHABLE

Disposable wipes can clog your pipes and affect our equipment and treatment process. Even though it may say “flushable” on the packaging, please throw them in the trash.

PHARMACEUTICALS

Prescription drugs and over-the-counter medications contain chemicals that you don't want entering the wastewater supply.

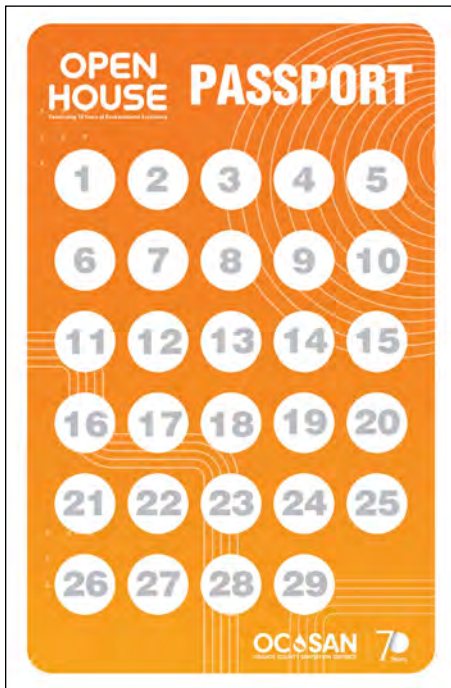
The best way to dispose of prescription drugs and over-the-counter medication is to make them undesirable, by crushing them and mixing it with coffee grounds, kitty litter or dirt before sealing them in a secure bag or container and disposing in the trash.



OC San Brochure

OUTREACH

Fiscal Year 2023/24 – Open House



Passport



Passport



Invitation



Save The Date



Tour Card

OUTREACH

Fiscal Year 2023/24 – Open House

Welcome to the OC San OPEN HOUSE

MUST KNOWS

- Get an event passport at the welcome table.
- Fill it up by visiting each booth.
- Submit your passport for a chance to win a raffle prize.

PRIZES

- Nespresso Machine
- Airpods 2nd Generation
- Stanley Cup (40 oz)

Collect your free ice cream ticket (Limit one per person)

NOTICE

Photographs and/or video will be taken at today's event. By taking part in this event you grant the Orange County Sanitation District full rights to use the images resulting from the photography/video filming, and any reproductions or adaptations of the images for publicity or other purposes to help promote the work of the Orange County Sanitation District.

This might include (but is not limited to), the right to use them in printed and online materials, or social media. If you do not wish to be photographed, please inform a member of the Orange County Sanitation District team at the welcome booth.

Follow us @OCSanDistrict

Welcome Sign

ENVIRONMENTAL SERVICES

Booth Sign

TOUR CHECK-IN

Tour Sign

PERFORMANCES

- 9 am Mariachi los Santos from Santa Ana High School
- 9:30 am Fountain Valley High School Royal Regiment Drumline
- 10 am Film SoundTracks
- 10:30 am Martial Arts USA
- 11 am South Coast Chinese Cultural Center

Stage Poster

Quality Assurance

Scientist

- Serves as the Quality Assurance Administrator for OC San's Environmental Laboratory and Ocean Monitoring Program.
- Responsible for implementing, maintaining, and improving upon the laboratory's Quality Management System.
- Manages laboratory accreditations (CA-ELAP, UT-NE LAP, SCAQMD) and ensures testing activities meet the requirements of the 2016 TNI Standard.

Principal Environmental Specialist

- Oversees contracted laboratory testing activities and projects, including coordination of scheduling and final report preparation.
- Develops, maintains, and distributes controlled documentation used for laboratory data calculations, calibrations, reporting, and traceability.
- Conducts revisions of laboratory Standard Operating Procedures (SOP) and procedural documents.

Senior Environmental Specialist

- Coordinates and oversees the calibration, verification, and maintenance of laboratory support equipment, ensuring that laboratory and standard specifications are met.
- Performs comprehensive review of contracted laboratory data to ensure quality control parameters align with method specifications.
- Assists laboratory staff with quality assurance inquiries and the correction of non-conformances.

OCSAN
ORANGE COUNTY SANITATION DISTRICT

Lab Signs

Ocean Monitoring

Environmental Supervisor

- Plans, assigns, and reviews the environmental compliance work of staff
- Assists in the preparation and administration of the ocean monitoring budget
- Supervises and participates in the preparation of environmental reports, memoranda, and correspondence related to ocean monitoring

Scientist

- Develops plans, conducts, and manages environmental research projects and special studies to advance OC San's Ocean Monitoring Program
- Participates in related working groups and committees within OC San, with regulatory agencies, and with outside organizations
- Coordinates the production and review of the Marine Monitoring Annual Report

Principal Environmental Specialist

- Oversees offshore field sampling efforts for special studies and permit compliance, including coordination of scheduling, staffing, and pre- and post-mobilization logistics
- Oversees the benthic invertebrate (infaunal) taxonomy program, including managing the specimen voucher collection as well as coordinating sample assignments and review of taxonomic data
- Coordinates and oversees the work of external contractors and the ordering of supplies and equipment

Senior Environmental Specialist

- Participates in complex offshore fieldwork to collect and process a wide variety of samples for special studies and permit compliance
- Conducts laboratory analyses including toxicity testing and identification of infauna specimens
- Participates in the generation of the Marine Monitoring Annual Report, including data input and analysis, interpretation of findings, and composition

Boat Captain

- Commands and navigates OC San's 58-foot ocean monitoring vessel Nerissa
- Performs and schedules routine vessel maintenance, including purchasing vessel parts and supplies
- Works with senior staff to coordinate field sampling schedules and logistics to meet compliance sampling requirements

Assistant Boat Captain

- Assists in the navigation and maintenance of OC San's ocean monitoring vessel Nerissa
- Serves as the principal operator of the winch and A-frame for deployment of oceanographic equipment to collect samples for special studies and permit compliance
- Participates in beach sample collection for indicator bacteria analysis

OUTREACH

Fiscal Year 2023/24 – What 2 Flush



Sticker

Which sewer-safe items should go down the drain?

Pee, poop and toilet paper should be the only things going down the toilet. Flushing other types of items down the toilet causes home pipes to clog, wastes water (up to five gallons of water every time you flush) and most importantly can have a huge impact on our sewers and not to mention our ocean.

Items that people commonly dispose of that should NOT be going down the drain:

TOILET

Prescription Drugs, Over-The-Counter Medications – contain chemicals that you don't want entering the wastewater supply. The best way to dispose of items like these is to make them undesirable, such as crushing them and then mixing with coffee grounds, kitty litter or dirt before sealing them in a plastic bag and disposing them in the trash.

Kitty Litter – (especially clay kitty litter) will sooner or later clog your pipes, even the ones that claim to be "flushable." Far more problematic is Toxoplasmosis, a parasite found in cat waste that is harmful to marine biology. It's better to keep your cat waste out of wastewater and just put it in the trash.

Sanitary Products, Paper Towels, Diapers, Baby Wipes, Condoms, Dental Floss and Facial Tissues – are made of materials that don't break down and can cause pipes to clog. The trash is the place for these items.

It's simple, the toilet is only meant to flush the three P's—pee, poop and paper.

For more information: www.ocsan.gov
@ocсандistrict

Fact Sheet

Which sewer-safe items should go down the drain?

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Condoms and Dental Floss—both cause more problems than you'd imagine. They don't biodegrade and can cause pipes to clog.

DRAIN

Fats, Oils and Grease (FOG)—FOG sticks to the interior surface of the sewer pipes, hardens over time and eventually may cause sewage to back-up and lead to a sewage spill in your home or on our streets. Running hot water as you pour the grease down the drain will not help either. Instead, let it cool/harden, mix it with other absorbent materials, place it in a bag or container and then throw it in the trash.

Household Hazardous Materials—such as motor oil, pesticides, paint and solvents should never be poured down the drain. All of these are highly toxic and will cause long-term damage to the environment. Dispose of these items by contacting the nearest household hazardous waste collection center where these and other household items can be dropped off.

Food, Coffee Grounds and Eggshells—should not be flushed down the sink. The best way to get rid of food is to compost what you can and wipe or scrape the remnants in the trash. Never put them in the garbage disposal.

Hair—always seems to make its way past the plug. Hair will catch and stick to other items and is very difficult to get out of piping once it gets in.

It's simple, the toilet is only meant to flush the three P's—pee, poop and paper.

The only thing that should be going down the drain is what comes out of the faucet.

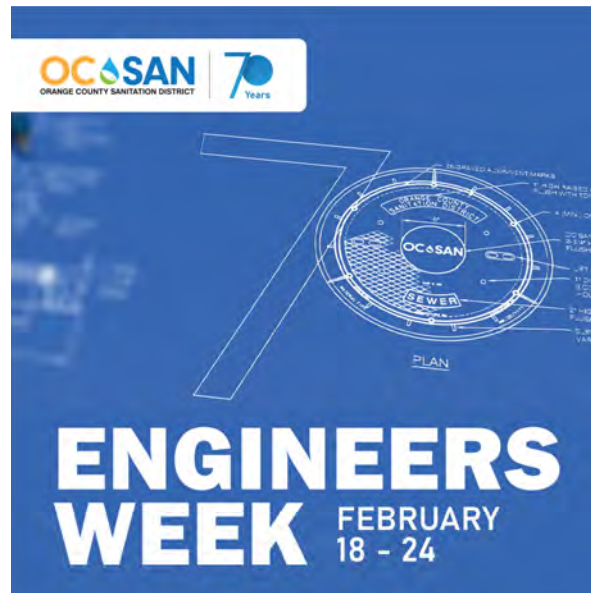
www.ocsan.gov/education
@ocсандistrict

Fact Sheet

92

OUTREACH

Fiscal Year 2023/24 – Social Media/Videos



Engineers Week Post



Earth Day Posts



OUTREACH

Fiscal Year 2023/24 – Social Media/Videos



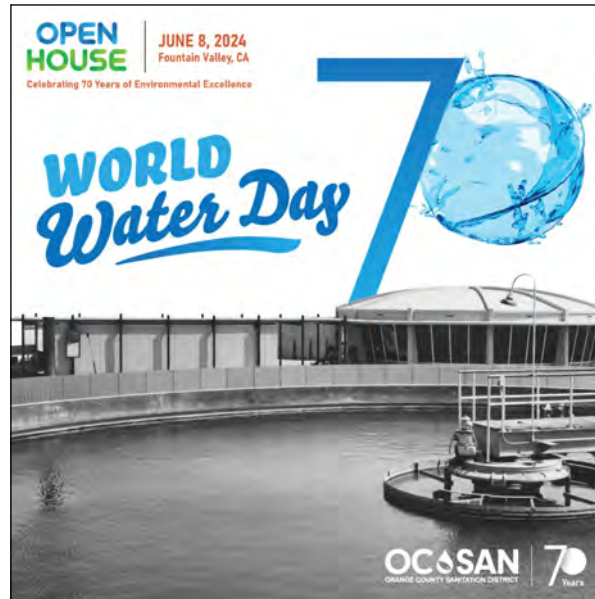
Saint Patricks Day Post



Valentines Day Post

OUTREACH

Fiscal Year 2023/24 – Social Media/Videos



World Water Day Post



Government Communications Day Posts

OUTREACH

Fiscal Year 2023/24 – Social Media/Videos



Wasterwater 101 Post



Public Works Week Post



Video Contest Posts



OUTREACH

Fiscal Year 2023/24 – Social Media/Videos



Retiree Save the Date Post



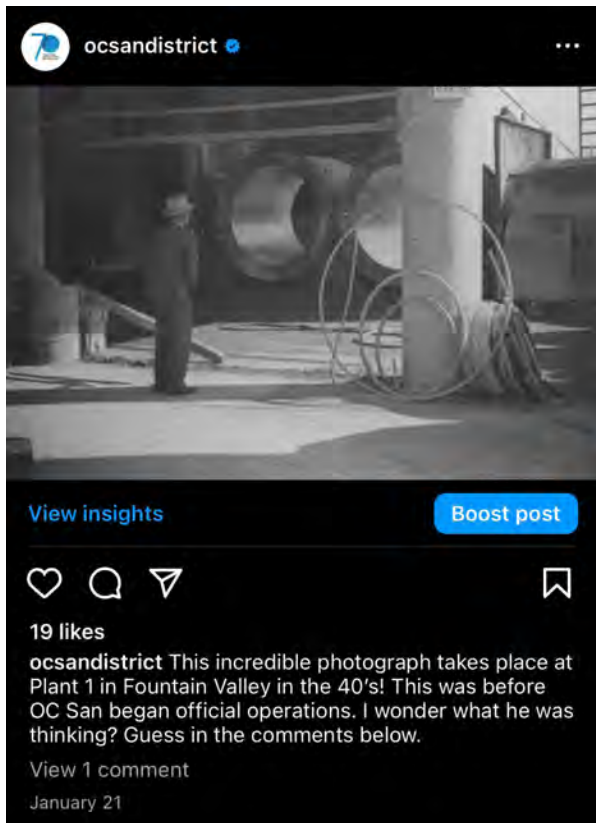
Festival Festival Post



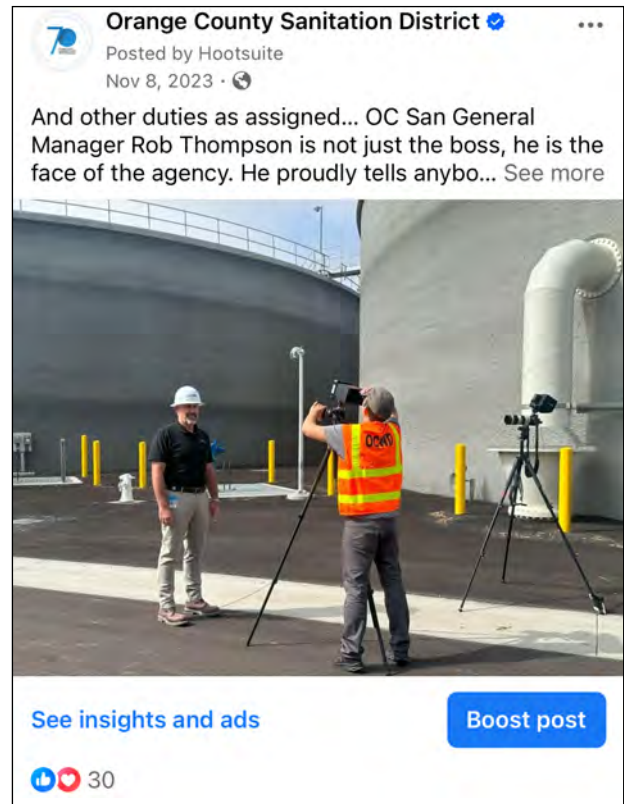
Countdown to Open House Posts

OUTREACH

Fiscal Year 2023/24 – Videos



70th Anniversary Post



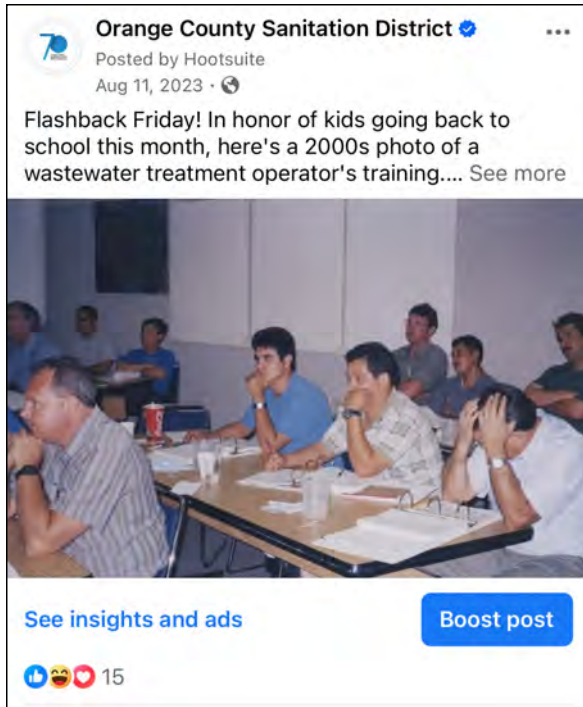
General Manager Post



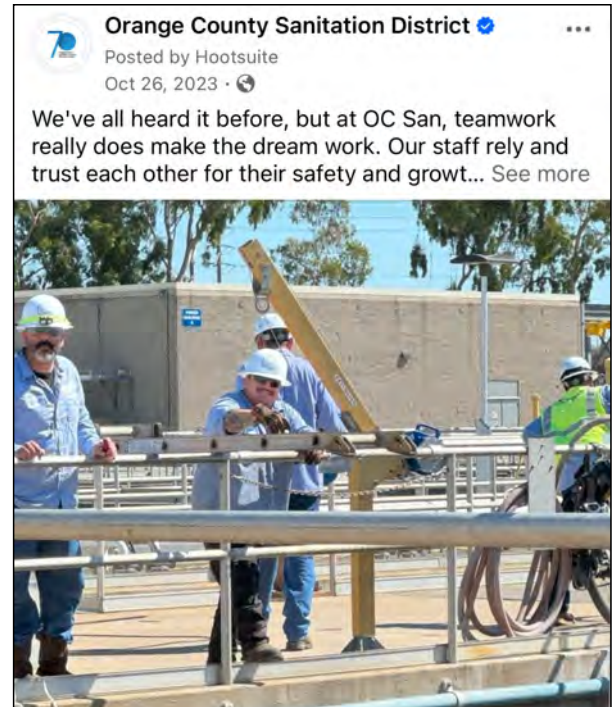
International Day of Friendship Post

OUTREACH

Fiscal Year 2023/24 – Social Media/Videos



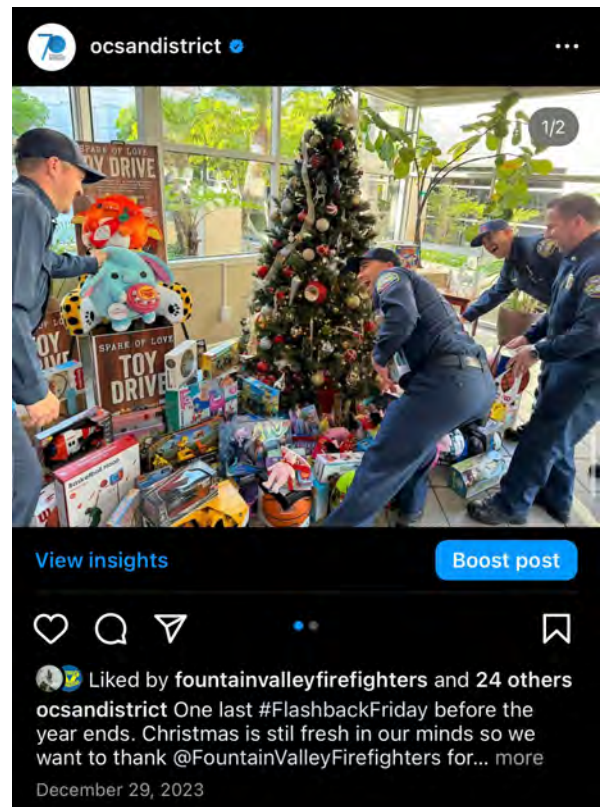
Flash Back Friday Post



Dream Team Post



GWRs Employee Event Post



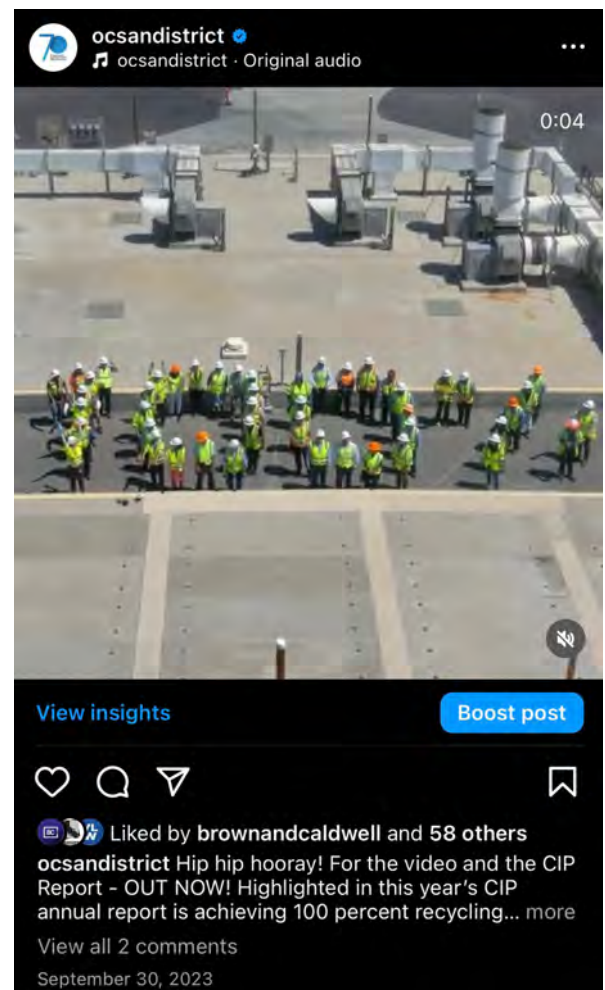
Spark of Love Post

OUTREACH

Fiscal Year 2023/24 – Social Media/Videos



Heavy Rain Post



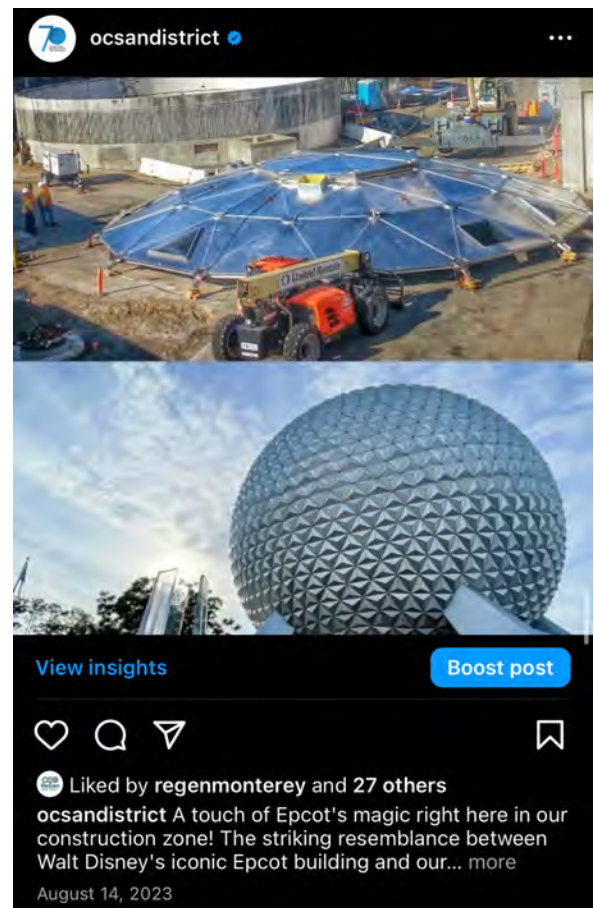
CIP Annual Report Post

OUTREACH

Fiscal Year 2023/24 – Social Media/Videos



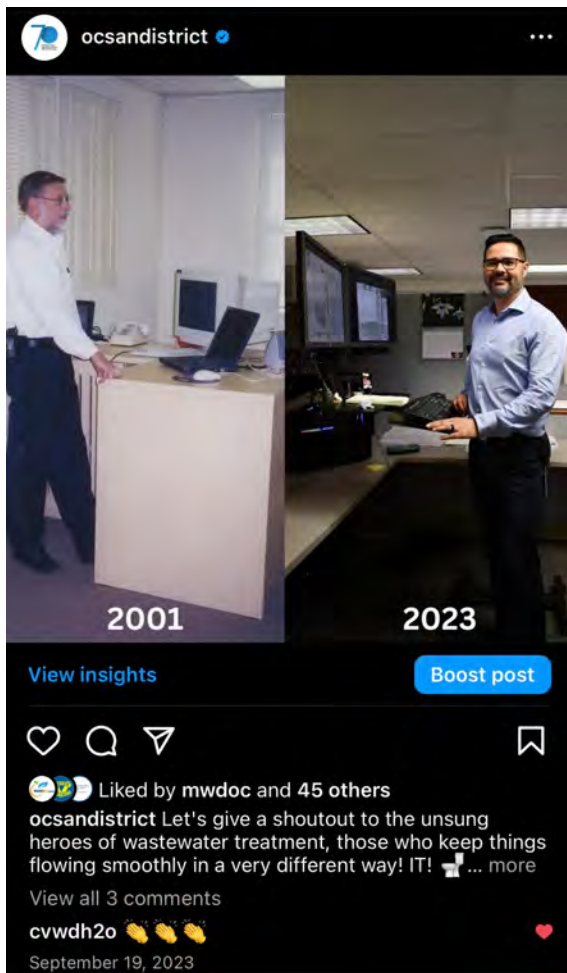
Did you know?



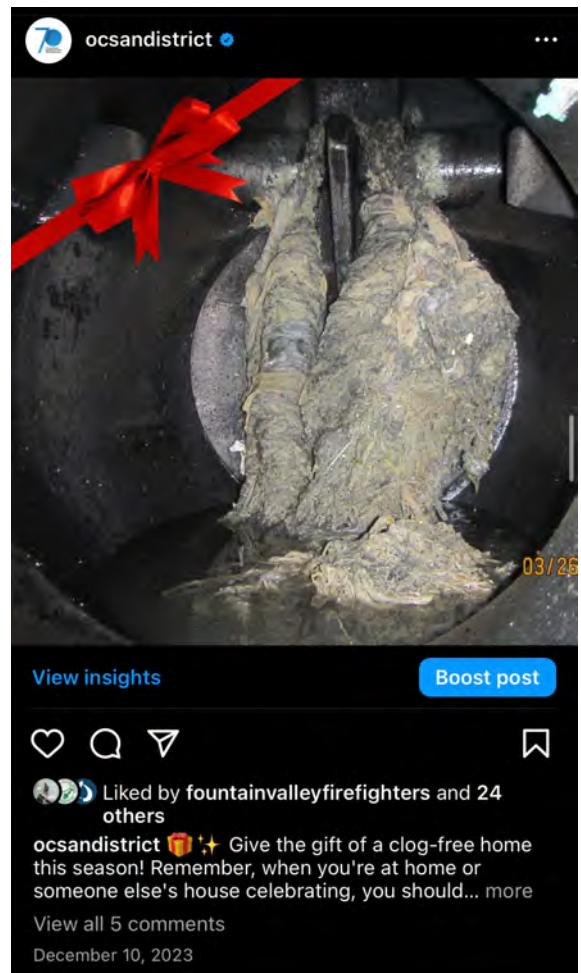
Construction

OUTREACH

Fiscal Year 2023/24 – Social Media/Videos



Unsung Hero's Post



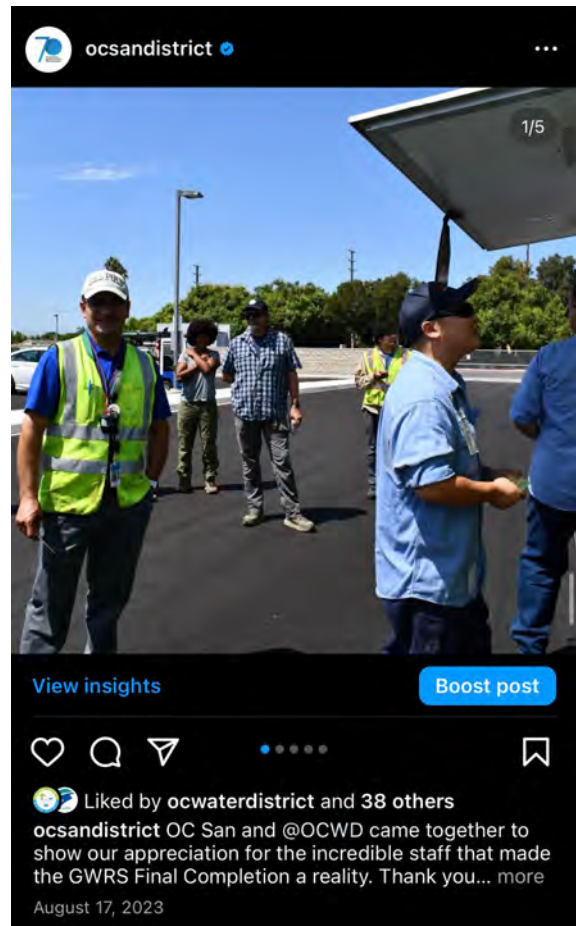
Clog Free Holiday Post

OUTREACH

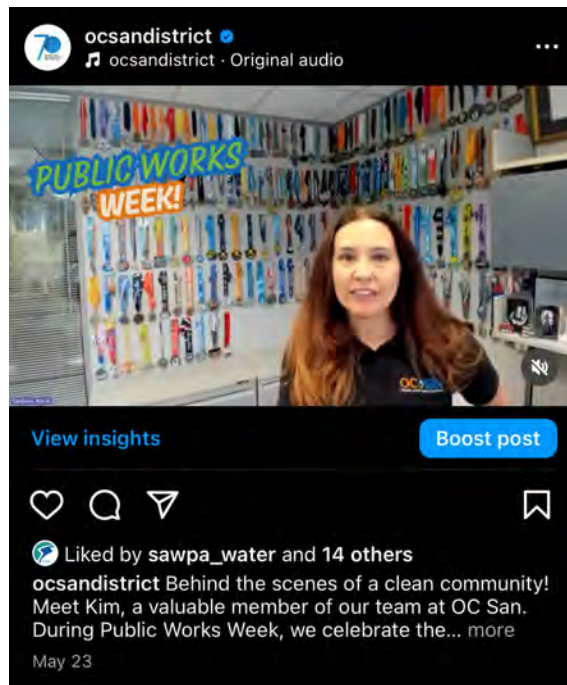
Fiscal Year 2023/24 – Social Media/Videos



70th Anniversary Post



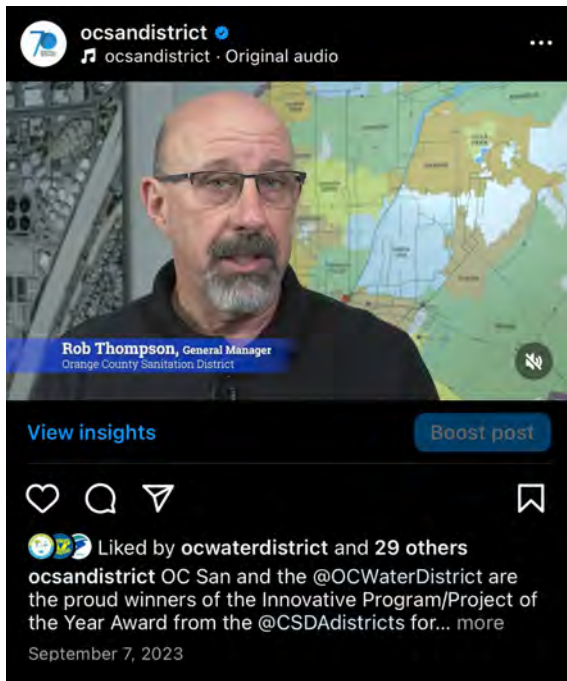
GWRS Final Completion Post



Public Works Week Video

OUTREACH

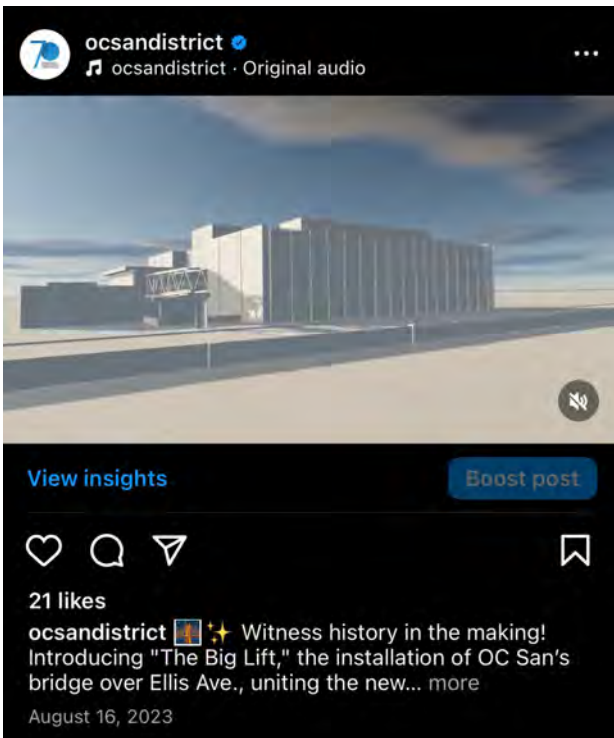
Fiscal Year 2023/24 – Social Media/Videos




Innovative Program/Project of the Year Video



Tour Bus Video



Headquarters Bridge Video



**INTERNAL
PROJECTS
FISCAL YEAR 2023/24**

INTERNAL PROJECTS

Fiscal Year 2023/24 – Headquarters

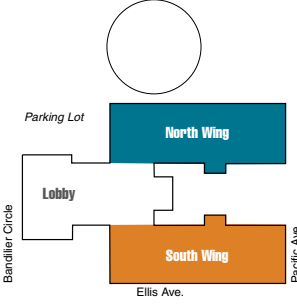


**WELCOME TO OUR
NEW
HEADQUARTERS!**

18480 BANDILIER CIRCLE
FOUNTAIN VALLEY, CA 92708



Employee Door Hanger



North Wing:
First Floor: Div. 110 General Manager's Office, Div. 120 Board Services, Div. 140 Public Affairs, Div. 210 Administrative Services, Div. 220 Financial Management
Second Floor: Div. 710 Engineering Administration, Div. 750 Project Management, Div. 760 Design
Third Floor: Div. 250 Information Technology

South Wing:
First Floor: Div. 160 Human Resources, Div. 161 Risk Management, Div. 230 Contracts and Purchasing
Second Floor: Div. 740 Planning, Div. 770 Construction Management
Third Floor: Div. 610 Environmental Services Administration and Compliance, Div. 620 Resource Protection, Div. 760 Design (PCI)

Empty crates will be picked up daily until June 6.
 Remaining common area crates will be picked up on June 14.



HQ Welcome Week

TUES JUNE 4 Coffee IN THE Lobby
 Start your day with Coffee!
 7:30 am to 9:30 am

WED JUNE 5 OVER THE Weekday Hump
 Enjoy a morning Donut!
 2nd Floor Breakroom



THURS JUNE 6 END OF WEEK Chill
 Cool down with ice cream!
 12 pm to 3 pm Outdoor Patio

OC&SAN 70th



Employee Table Tent

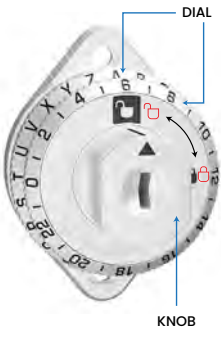
USER INSTRUCTIONS


TO LOCK


- Close the door.
- Make sure knob is pointing up to , then set one letter and one number code.
- Turn knob to .
- Scramble the dials.

TO UNLOCK

- Re-enter your code.
- Turn the knob up to .
- Open the door.
- Keeping the knob facing , scramble the dials for the next user.



SEE HOW IT WORKS: 
www.keyless.co/keyless360-instructions/user/



Locker Instructions

MOVE INSTRUCTIONS

Please be packed by the end of your workday no later than **Wednesday, May 29.**
 If you are not onsite and unavailable to pack your desk, please pack in advance.

Crates and Labels

- Only use the pre-printed personalized labels provided to you.
- Place pre-printed labels at each end of the crate. **DO NOT** place on the TOP as crates are stacked when moved and the label will be covered.
- Crates must be able to close completely.
- Record the crate/item # on each label.
- Please leave any extra labels on your desk in case they are needed during the move.**

Chairs/Trash Cans

- Approved office chairs based on ergonomic assessment and survey will be transported by the movers. Otherwise, a new chair will be provided for you.
- There will be new individual trash cans at each workstation – no need to pack.

Take Home

- Laptops, cell phone/chargers, and any personal items.
- You will be responsible for moving any fragile items or personal plants or items that do not fit in the crate.

Computer Equipment

- DO NOT** pack any of your computer equipment into the crate.
- A team of technical consultants will be responsible for labeling, disconnecting, relocating, and reconnecting your equipment at your new location.
- Power-off all desktop computer equipment when you leave for the day.
- Take your laptop home with you.

During the Move (May 30 - June 3)


- All affected employees will be telecommuting on scheduled workdays. If your job duties require you to be on site, your supervisor will coordinate with you.

First official day of business in the new Headquarters will be Tuesday, June 4.

Day One

- Check your computer equipment for connectivity.
- Review the Welcome Information that will be provided on your desk.
- Unpack and empty crates by **June 6.**
- An HQ General Service Request form will be available for any immediate move related issues.

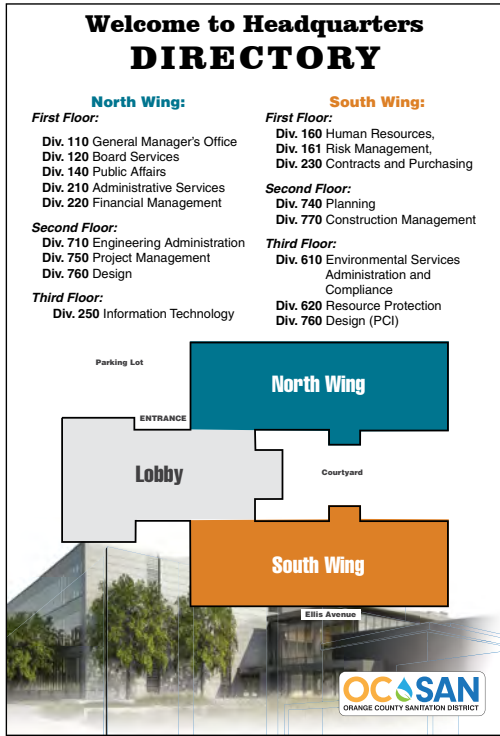
Any questions? Contact your HQ Champions or Common Area Coordinator found under Headquarters Contacts on the HQ Update page.



Move In Instructions

INTERNAL PROJECTS

Fiscal Year 2023/24 – Headquarters



Directory Sign



Employee Welcome Sign

INTERNAL PROJECTS

Fiscal Year 2023/24 – Headquarters

WELCOME TO OUR NEW HEADQUARTERS

18480 Banditler Circle, Fountain Valley, CA 92708

EMERGENCIES: DIAL 911

Notify front reception/security desk.

DAY 1 CHECKLIST

- Check your computer equipment for connectivity. Submit an Incident Ticket for any IT related issues. [Click Here.](#)
- Unpack! Empty crates will be picked up daily until June 6.
- Missing crate or issues with the move? Submit an HQ General Service Request.
- Check out our new Headquarters! See map on reverse side.

HQ GENERAL SERVICE REQUEST

How to Submit:

Online
Go to the HQ Information page. [Click Here.](#)

Scan QR code

In person
Visit the Command Center located in the Santa Ana River Conference room on 2nd Floor next to the Breakroom. June 4, 5, & 6 only from 7:30-4 p.m.

SAFETY

Do not prop doors open.

- Enter through main lobby, courtyard and bridge. 24/7 access available through the main lobby.
- Do not tailgate through a door. Always scan yourself through.

CONFERENCE ROOM

Please refer to the instructions on how to locate and book conference rooms.

Scan or Click QR CODE

Room names are based on location, not intended users.

OPEN OFFICE ETIQUETTE

- Be patient and communicative with your colleagues.
- Be aware of scents within your workspace.

- Always be mindful of volume when having a conversation.
- Use huddle rooms for personal calls, group conversations, and small meetings.

- Keep your workspace clean, neat, and safe.
- Keep it professional and office appropriate.



Welcome Place Mat

INTERNAL PROJECTS

Fiscal Year 2023/24 – GWRs Employee Event


JOIN US FOR THE
GWRs Staff Appreciation Luncheon

DATE: Wednesday, August 16, 2023

TIME: 11:30 a.m. to 1 p.m.



LOCATION: GWRs area at OCWD

Lunch will be provided by the Lime Truck OR Lucille's Smokehouse, **PLUS** an Ice Cream Truck for dessert.



REGISTRATION IS REQUIRED
 BY NO LATER THAN **TUESDAY, AUGUST 1.**

To register and reserve your lunch, scan the QR code or visit The San Box.

San Box Banner

FOOD VOUCHER



Good for ONE entree
 at the GWRs Staff Appreciation Luncheon
 on Wednesday, August 16

FOOD VOUCHER



Good for ONE entree
 at the GWRs Staff Appreciation Luncheon
 on Wednesday, August 16

Food Voucher

SAVE THE DATE

Join us for the Groundwater Replenishment System
Final Completion Staff Appreciation Luncheon

DATE: Wednesday, August 16, 2023

TIME: 11:30 a.m. to 1 p.m.

LOCATION: Outside of Microfiltration in the GWRs area

Lunch will be provided by the Lime Truck and Lucille's Smokehouse Bar-B-Que, **PLUS** an Ice Cream Truck to top it all off.

REGISTRATION WILL BE REQUIRED. MORE DETAILS COMING SOON.



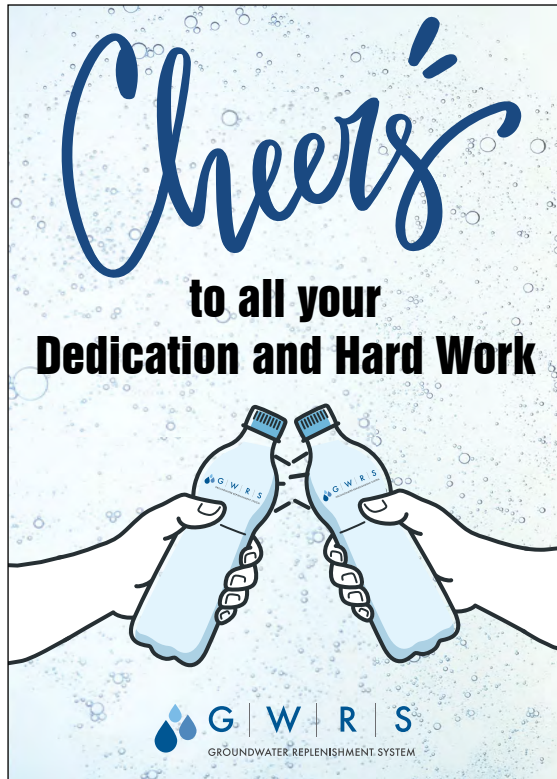

San Box Banner



Employee Map

INTERNAL PROJECTS

Fiscal Year 2023/24 – GWR S Event



Employee Table Tents

INTERNAL PROJECTS


Fiscal Year 2023/24 –
Employee Appreciation Day



Employee Appreciation Cards


INTERNAL PROJECTS

Fiscal Year 2023/24 – Veterans Day




OC San Salutes Our Veterans Past and Present


Bob Bell — U.S. Navy, Electricians Mate, Petty Officer 2nd Class, 1975-1982 * **Jason Bledermann** — U.S. Marine Corp, Corporal-Infantry Squad Leader, 1993-1997 *
James Brown — U.S. Marine Corps, Lance Corporal Brown, 1992-1996 * **Jesse Freeman** — Army National Guard, Sergeant E-5, 1999-2007 * **Beck Gass** — U.S. Coast Guard, Machinery Technician 3rd Class, 2006-2011
Bill Gilbert — U.S. Army, Specialist 4th Class, 1984-1990 * **Victor Gonzalez** — U.S. Navy, Aviation Boatswain Mate Equipment, 2nd Class, 1999-2005 * **Donald Hawthorne** — U.S. Navy, 1st Class Engineman, 1984-1992
Ludwig Lopus — U.S. Navy, Petty Officer 2nd Class, 1997-2003 * **Griffin Lund** — U.S. Navy, Gas Turbine Systems Mechanic, Second Class Petty Officer, 2012-2016 * **Adam McMurdy** — U.S. Army, Rank Specialist, 2000-2004
Michael Morey — U.S. Army, Engineer, 1984-1992 * **Paul Nguyen** — U.S. Air Force, Sergeant, 1985-1992 * **Brian Reed** — U.S. Navy, Aviation Structural and Hydraulics Specialist, 1983-1990
Larry Roberson — U.S. Air Force, Sergeant, 1991-1999 * **Henry Rosas** — U.S. Navy, Machinist Mate 2nd Class Petty Officer, 1980-1987
Kevin Schuler — U.S. Marine Corps, Sergeant, 1987-1993 * **Enrique Zapien** — U.S. Marine Corps Corporal, 2000-2004




Bob Bell




Jason Bledermann




James Brown




Jesse Freeman




Beck Gass




Bill Gilbert




Victor Gonzalez




Donald Hawthorne




Ludwig Lopus




Griffin Lund




Adam McMurdy




Michael Morey




Paul Nguyen




Brian Reed




Larry Roberson



Henry Rosas




Kevin Schuler




Enrique Zapien


OC San Retirees
Jennifer Alexander — U.S. Navy, Construction Mechanic 1984-1992 * **John Bellitti** — U.S. Navy, Boiler Tech, 3rd Class, 1977-1981
Tony Briseno — U.S. Navy, Machinist Mate, 1987-1991 * **Dan Dillon** — U.S. Marine Corp, Sergeant, 1968-1971 * **Steve Howard** — U.S. Marine Corps, Sergeant, 1983-1987
Roger Kenerson — U.S. Navy, Aviation Technician 2nd Class, 1970-1977 (No photo available) * **Tony Leak** — U.S. Army, Sergeant, 1972-1976
Steve Lavelle — U.S. Marine Corp, Lieutenant Colonel, 1994-2015 * **Patrick McNelly (Deceased)** — U.S. Army, Specialist 5, 1968-1971
Tracey Murphy — U.S. Navy, Engine, 2nd Class 1985-1990 * **Mark Mutz** — U.S. Army, Sergeant, 1982-1986 * **Gary Prater (Deceased)** — U.S. Army, Sergeant E-5, 1973-1977
Jim Tittle — U.S. Navy, Petty Officer 1st Class, 1979-1987 * **Dave Usher** — U.S. Marine Corp, 1982-1986




Jennifer Alexander




John Bellitti




Tony Briseno




Dan Dillon




Steve Howard




Tony Leak




Steve Lavelle




Patrick McNelly




Tracey Murphy




Mark Mutz



Gary Prater



Jim Tittle



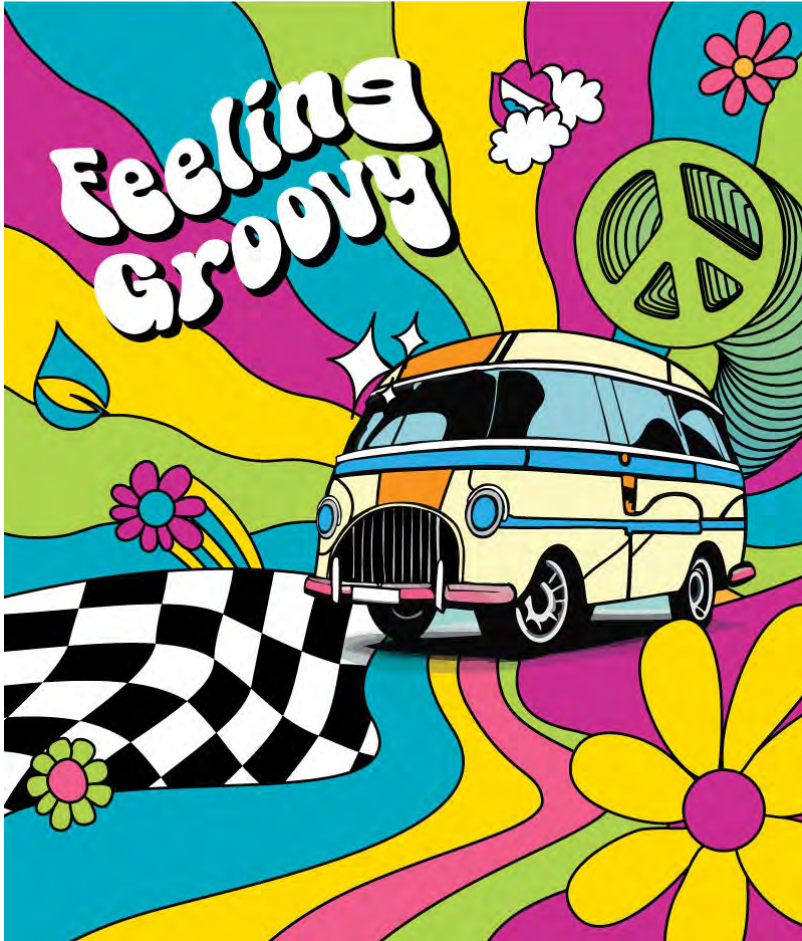
Dave Usher

*THESE REPRESENT THOSE WHO SUBMITTED PHOTOS TO PARTICIPATE.

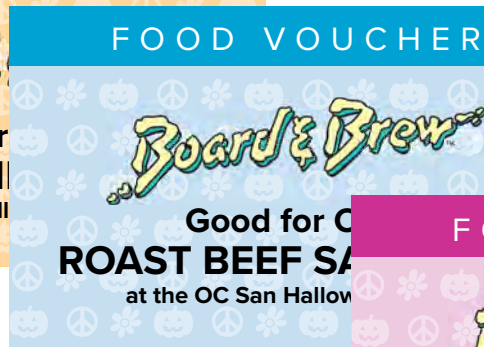
Employee Appreciation Poster

INTERNAL PROJECTS

Fiscal Year 2023/24 – Harvest Festival



Theme Poster



Meal Tickets

INTERNAL PROJECTS

Fiscal Year 2023/24 – Health Fair

OPEN ENROLLMENT PRESENTATION

Conference Rooms A and B

Starts at 9:00 a.m.

Presented by:
Alliant Insurance Services



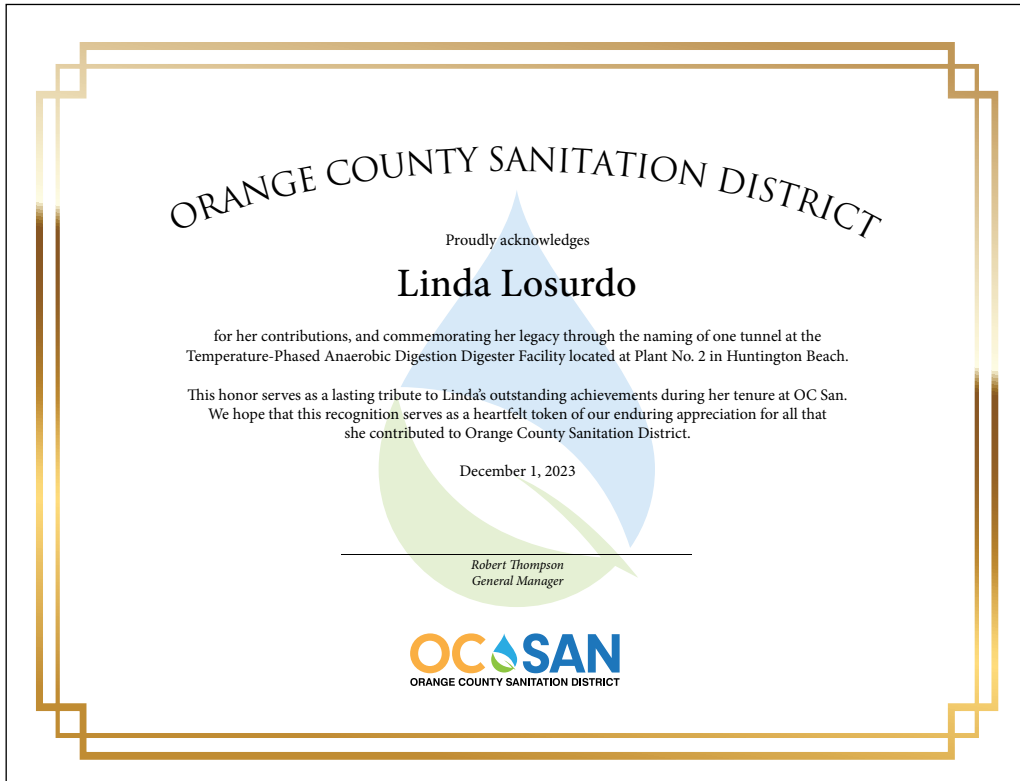
FLU SHOTS CONFERENCE ROOM C



Signage

INTERNAL PROJECTS

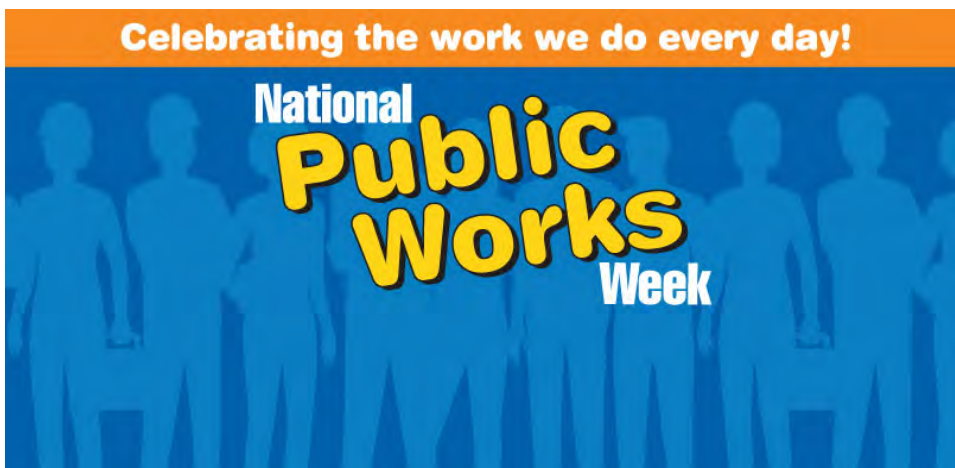
Fiscal Year 2023/24 – Honoring Employees



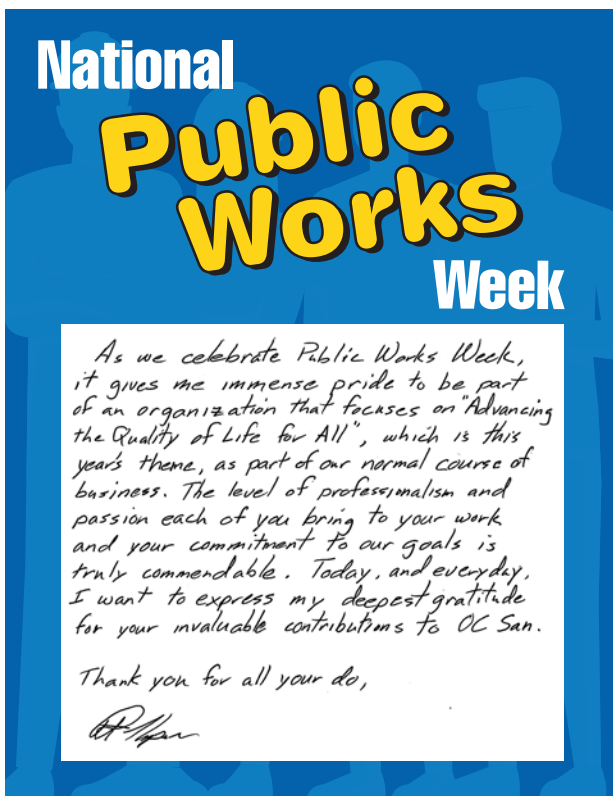
Certificates

INTERNAL PROJECTS

Fiscal Year 2023/24 – Honoring Employees



Web Banner



General Manager Message



Candy Box

INTERNAL PROJECTS

Fiscal Year 2023/24 – Benefits



Post Card Front



Post Card Back

INTERNAL PROJECTS

Fiscal Year 2023/24 – Retirement Event



Retiree Banner

INTERNAL PROJECTS

Fiscal Year 2023/24 – All Hands Meeting



Web Banner



Sign



Podium Sign

INTERNAL PROJECTS

Fiscal Year 2023/24 – Holiday Luncheon



Table Tent



Employee Gift



Web Banner

INTERNAL PROJECTS

Fiscal Year 2023/24 – Take a kit to your kid day



Web Banner

MY FIRST RESUME
Worksheet

Welcome to "My First Resume"! Today, you'll explore the important skills and experiences that make you special.

<p>Personal Information</p> <p>Child's Name _____</p>	<p>Objective Write a sentence about what you want to do for your future job.</p>
<p>Education</p> <p>School Name _____</p> <p>Grade _____</p>	<p>Work Experience List some of your experience working, such as doing chores, participating in clubs, babysitting, etc.</p>
<p>Skills What are some cool things you can do? Write down skills like drawing, playing sports, or helping others.</p>	
<p>Achievements</p> <p>Have you won any awards or certificates? Write them down here.</p>	<p>Use the space below to draw a picture of what you would look like at work!</p>

Have Fun!

OC&SAN
Orange County Schools

Activity

INTERNAL PROJECTS

Fiscal Year 2023/24 – VIP Luncheon



Sign



Certificate

INTERNAL PROJECTS

Fiscal Year 2023/24 – Tidy Tips



Web Graphic



Tidy Tips

Freecycle Event

DATE EXTENDED!

Summary: Support OC San's upcoming move, by giving **personal items** a new life with OC San's Freecycle Event!

Date: **Monday, December 11 @ 7 a.m.** through **Friday, December 29 @ 12 p.m.**

Location: **Plant No. 1 Administration Building Lunchroom** (near the kitchen with vending machines and across from the stairs)

For more information or to learn what is acceptable to donate for the event, please check out The San Box (Tidy Tips).

Questions? Forinformation@OCSan.gov.

Event Flyer

INTERNAL PROJECTS

Fiscal Year 2023/24 – Spark of Love



Toy Drive Poster



Holiday Card



BRANDING

FISCAL YEAR 2023/24

BRANDING PROJECTS

Fiscal Year 2023/24 – 70th Anniversary



Logo



BRANDING PROJECTS

Fiscal Year 2023/24 – 70th Anniversary



Teams Background



Teams Background

BRANDING PROJECTS

Fiscal Year 2023/24 – 70th Anniversary



Five Minutes Per Month Header



3 Things to Know Header

BRANDING PROJECTS

Fiscal Year 2023/24 – 70th Anniversary



Light Pole Banners

BRANDING PROJECTS

Fiscal Year 2023/24 – 70th Anniversary



Your Name Here

Your Division Name | Your Title

Office: 714.593.???? | Cell: 714.???-???? | www.ocsan.gov



Your Name Here

Your Division Name | Your Title

Office: 714.593.???? | Cell: 714.???-???? | www.ocsan.gov



BRANDING PROJECTS

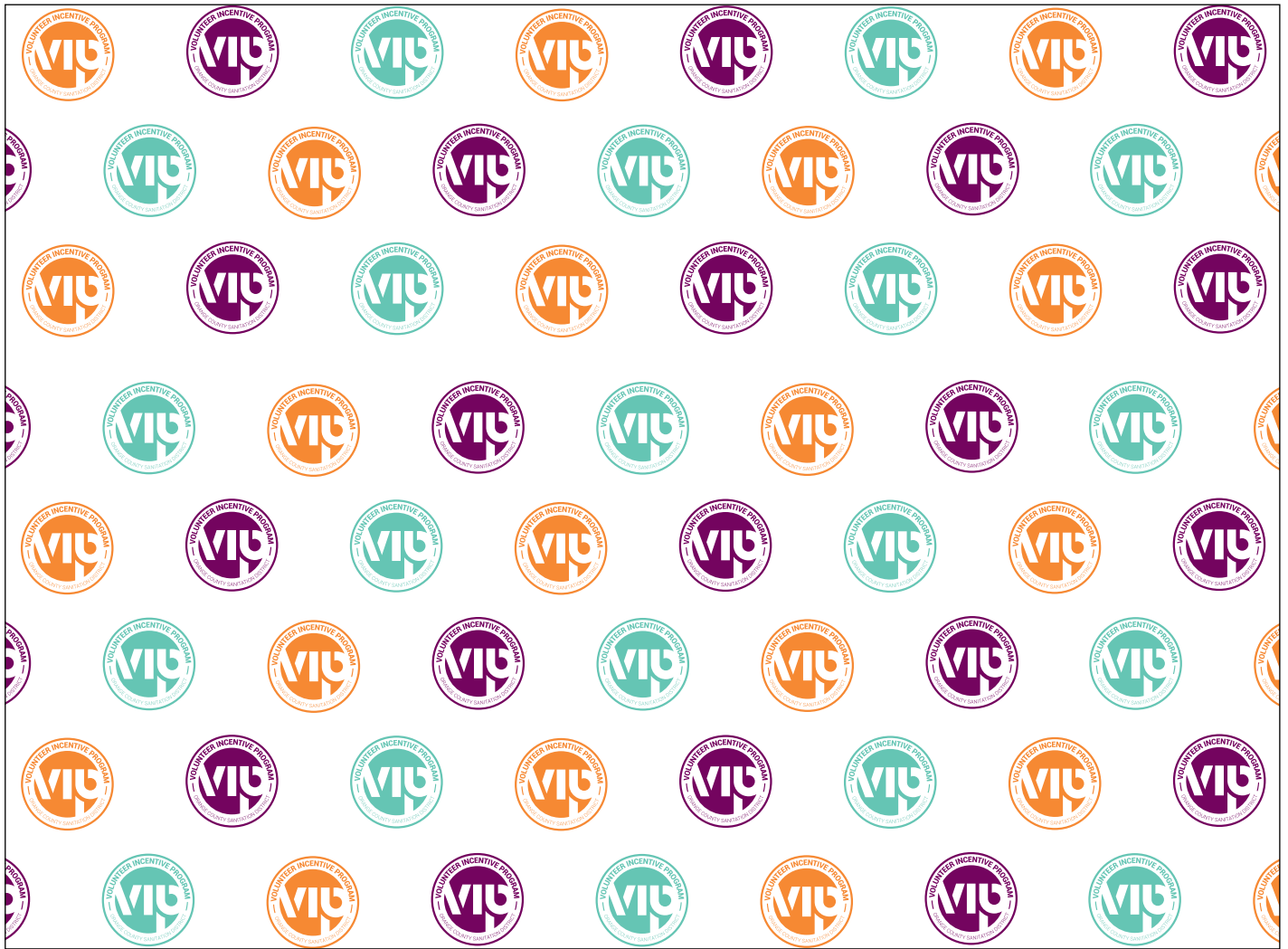
Fiscal Year 2023/24 – Signage



Monument Sign at Plant No. 1

BRANDING PROJECTS

Fiscal Year 2023/24 – Signage



Step and Repeat

BRANDING PROJECTS

Fiscal Year 2023/24 – Signage



BOARD OF DIRECTORS

Anaheim, **Stephen Faessel** ◊ Brea, **Christine Marick** ◊ Buena Park, **Joyce Ahn**
Costa Mesa Sanitary District, **Robert Ooten** ◊ Cypress, **Scott Minikus**
Fountain Valley, **Glenn Grandis** ◊ Fullerton, **Bruce Whitaker** ◊ Garden Grove, **Stephanie Klopfenstein**
Huntington Beach, **Pat Burns** ◊ Irvine, **Farrah N. Khan** ◊ Irvine Ranch Water District, **John Withers**
La Habra, **Rose Espinoza** ◊ La Palma, **Debbie Baker** ◊ Los Alamitos, **Jordan Nefulda**
Midway City Sanitary District, **Andrew Nguyen** ◊ Newport Beach, **Brad Avery** ◊ Orange, **Jon Dumitru**
Orange County Board of Supervisors, **Doug Chaffee** ◊ Placentia, **Chad Wanke**
Santa Ana, **Johnathan Ryan Hernandez** ◊ Seal Beach, **Schelly Sustarsic** ◊ Stanton, **David Shawver**
Tustin, **Ryan Gallagher** ◊ Villa Park, **Robbie Pitts** ◊ Yorba Linda Water District, **Phil Hawkins**



ROBERT C. THOMPSON
General Manager
Orange County Sanitation District



CHAD P. WANKE
Chairman of the Board
Orange County Sanitation District
City of Placentia



OC SAN
ORANGE COUNTY SANITATION DISTRICT

Board Room Sign



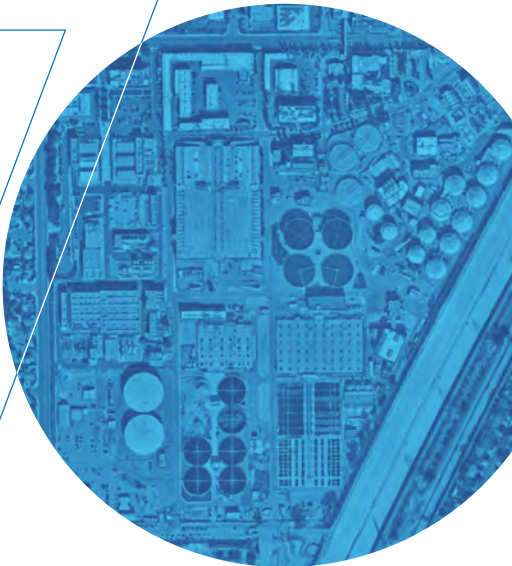
**LEGISLATIVE
FISCAL YEAR 2023/24**

LEGISLATIVE PROJECTS

Fiscal Year 2023/24 – Supercritical Water Oxidation Demonstration

EPA Community Grants Program

SUPERCritical WATER OXIDATION DEMONSTRATION



OCASAN | 70 Years
ORANGE COUNTY SANITATION DISTRICT

Workplan

monstration


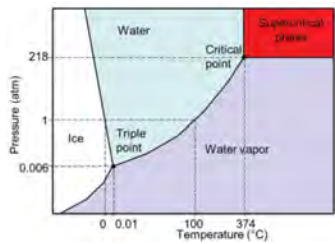
n at Plant No. 1 in Fountain Valley, CA

and recycling for approximately 2.6 million people
s primary mission is to protect public health and

very of effective and affordable clean water
will directly support the priority to address vital
ogy that can be implemented throughout California
stances (PFAS).

onment, OC San continuously develops innovative
ublic health and drive down the costs of treatment
ommunities. Currently OC San is addressing
velop effective treatment of the PFAS family of
echnology that would treat biosolids, a byproduct
t PFAS chemicals are eliminated.

er Systems to install a six-ton-per-day

Supercritical Water - The properties of H₂O change significantly above 3200 psi and 705 degrees Fahrenheit.

2

OCASAN | 70 Years
ORANGE COUNTY SANITATION DISTRICT

LEGISLATIVE PROJECTS

Fiscal Year 2023/24 – Board of Directors



Guide to Business

LEGISLATIVE PROJECTS

Fiscal Year 2023/24 – Certificate



Commendation

LEGISLATIVE PROJECTS
Fiscal Year 2023/24 – Headquarters

HEADQUARTERS

RIBBON CUTTING

WEDNESDAY
MAY 22, 2024
4:30 p.m.

18480 Bandilier Circle, Fountain Valley, CA 92708

Scan or
Click to RSVP



Celebrate the unveiling of
OC San's new headquarters.

Light refreshments will be served.
For more info email forinformation@ocsan.gov

OC SAN
ORANGE COUNTY SANITATION DISTRICT

70
Years

Invitation

LEGISLATIVE PROJECTS

Fiscal Year 2023/24 – Headquarters

HEADQUARTERS

RIBBON CUTTING

WEDNESDAY
MAY 22, 2024
4:30 p.m. - 5:30 p.m.

Refreshments and Networking

Welcome and Introductions
Fountain Valley Mayor and OC San Board Member, Glenn Grandis

Opening Remarks
OC San Board Chairman, Chad Wanke

Headquarters Presentation
OC San Vice Chairman, Ryan Gallagher

Official Ribbon Cutting and Conclusion
OC San Board Chairman, Chad Wanke

Tour immediately following program.




Learn More





Program

HEADQUARTERS





MEDIA KIT

Scan Here


BOARD ROOM

- Flexible multi-use room for board meetings, large meetings, and events with the ability to extend into the lobby area.

OC San General Manager
Rob Thompson

OC San Board Chairman
Chad Wanke



EMPLOYEE WORKSPACE




- Designed with exterior sunshades positioned to provide optimal daylight and views of landscape for all employees while minimizing heat gain.
- Exposed mass timber provides an aesthetic warmth to the working environment.
- Employee Engagement:** Employees were given the opportunity to view in-person mockups of several workspace variations and provide input on job functionality, configuration, and materials. The final selection seen here are based on employee feedback.





MASS TIMBER

- Mass timber is an innovative, eco-friendly alternative to structural concrete and steel that is strong and low-carbon.
- Mass timber is featured into the design of the building, consisting of glulam timber beams and cross laminated timber (CLT) floor panels.
- CLT is made up of multiple layers of kiln-dried lumber which are alternatively stacked perpendicular to one another, glued together, and pressed.
- The largest mass timber beam measures 12 ¾-inch wide by 40 ½-inch deep and 73 feet long (look up to see this beam).

Posters

LEGISLATIVE PROJECTS

Fiscal Year 2023/24 – GWRs

Final Expansion Of The

GROUNDWATER REPLENISHMENT SYSTEM

The Groundwater Replenishment System (GWRs) is the result of a collaborative effort between the Orange County Water District (OCWD) and the Orange County Sanitation District (OC San). In March 2023, the GWRs completed its final expansion, achieving the goal of producing up to 130 million gallons of drinking water a day (MGD), enough water for nearly one million people in north and central Orange County.

The GWRs provides a new, local, drought-resilient supply to the 2.5 million people in OC San's and OCWD's shared service area by recycling 100 percent of OC San's reclaimable wastewater flows for the first time – something unheard of with other wastewater recycling projects. The facility replenishes the local groundwater basin, protects it from seawater intrusion, and maximizes water reuse for the region.

The GWRs is a flagship project in the water sector and has garnered global attention for its innovative reuse of a previously wasted resource. The system has brought water reliability and resilience to Orange County residents and businesses.

OC SAN IS

100% RECLAIMABLE

OC SAN PROVIDES

130 MILLION GALLONS

A DAY OF WASTEWATER TO THE GWRs

GWRs PRODUCES ENOUGH WATER FOR

1 MILLION PEOPLE





RESULTS

With the Final Expansion project operational, OC San and OCWD have realized their goal of reusing all reclaimable flow from OC San's two treatment plants and fortifying the GWRs as a dependable water supply resource.

The GWRs:

- Provides a reliable supply of high-quality water, even during drought
- Reduces the need for imported water from northern California and the Colorado River
- Offers a more cost-effective and energy-efficient strategy than importing water from distant sources
- Improves water quality of the Orange County Groundwater Basin
- Creates a hydraulic barrier that prevents seawater intrusion into drinking water wells
- Replenishes groundwater supplies
- Reduces the volume of treated wastewater discharged into the ocean and puts it to beneficial use

Since the GWRs facility began taking water from OC San's Plant No. 2 in December 2022, the GWRs has produced approximately 25 billion gallons.

Follow us on social media @OCSanDistrict







Orange County Sanitation District
70th Anniversary



SINCE 1952

NEAA Project Slide

LEGISLATIVE PROJECTS

Fiscal Year 2023/24 – State of OC San



YOU ARE INVITED!

ORANGE COUNTY SANITATION DISTRICT:

State of OC San Luncheon

Friday, October 27
11 a.m. – 1 p.m.

Join our Board of Directors and General Manager as we discuss our accomplishments and exciting advances.

An optional tour of our Fountain Valley Plant No. 1 will take place immediately following the event.

Location:
Mile Square Golf Course Clubhouse
10401 Warner Avenue
Fountain Valley, CA 92708

For more information or questions, email us at: forinformation@OCSan.gov.



Invitation



PROGRAM

ORANGE COUNTY SANITATION DISTRICT:

State of OC San Luncheon

Friday, October 27
11 a.m. – 1 p.m.

Lunch and Networking

Call Meeting to Order
Board Chairman, Chad Wanke

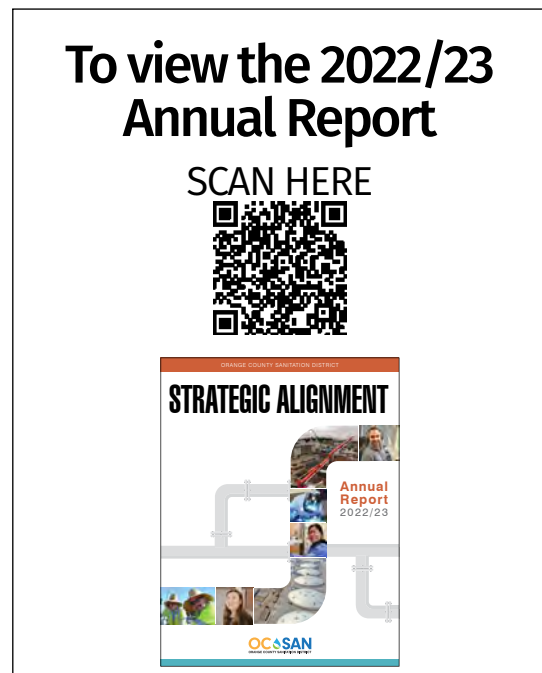
Welcome and Pledge of Allegiance
Board Chairman, Chad Wanke

State of the OC San Presentation
General Manager, Rob Thompson

Adjourn Meeting
Board Chairman, Chad Wanke



Event Program



To view the 2022/23 Annual Report

SCAN HERE


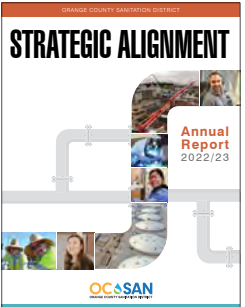



Table Tent

LEGISLATIVE PROJECTS

Fiscal Year 2023/24 – Board Meeting

Vactor 2100i Combination Vacuum and Jet Rodder Truck

- Built on a 2023 Peterbilt 567 frame
- CNG-fueled engine with 400 horsepower (125 gallons of diesel equivalent fuel capacity)
- Holds a 5000 cubic feet per minute positive displacement blower that produces 18 inches Hg vacuum
- Has the capacity to:
 - Carry 1,200 gallons of water
 - Hold 13 cubic yards of debris
 - Extend an 800-foot hose for jetting up to 300 psi of flush water



View of Debris and Water Tanks



Back View of Dump Door of Vactor Truck



Side View of Vactor Truck



Back View of Q&L Unit



Signs for Board Meeting



View of Vactor Truck with Extended Hose



Side View of Vactor Truck






REPORTS

FISCAL YEAR 2023/24

REPORTS


Fiscal Year 2023/24



Orange County Sanitation District
**Annual
Comprehensive
Financial Report**

for the year ended
June 30, 2023

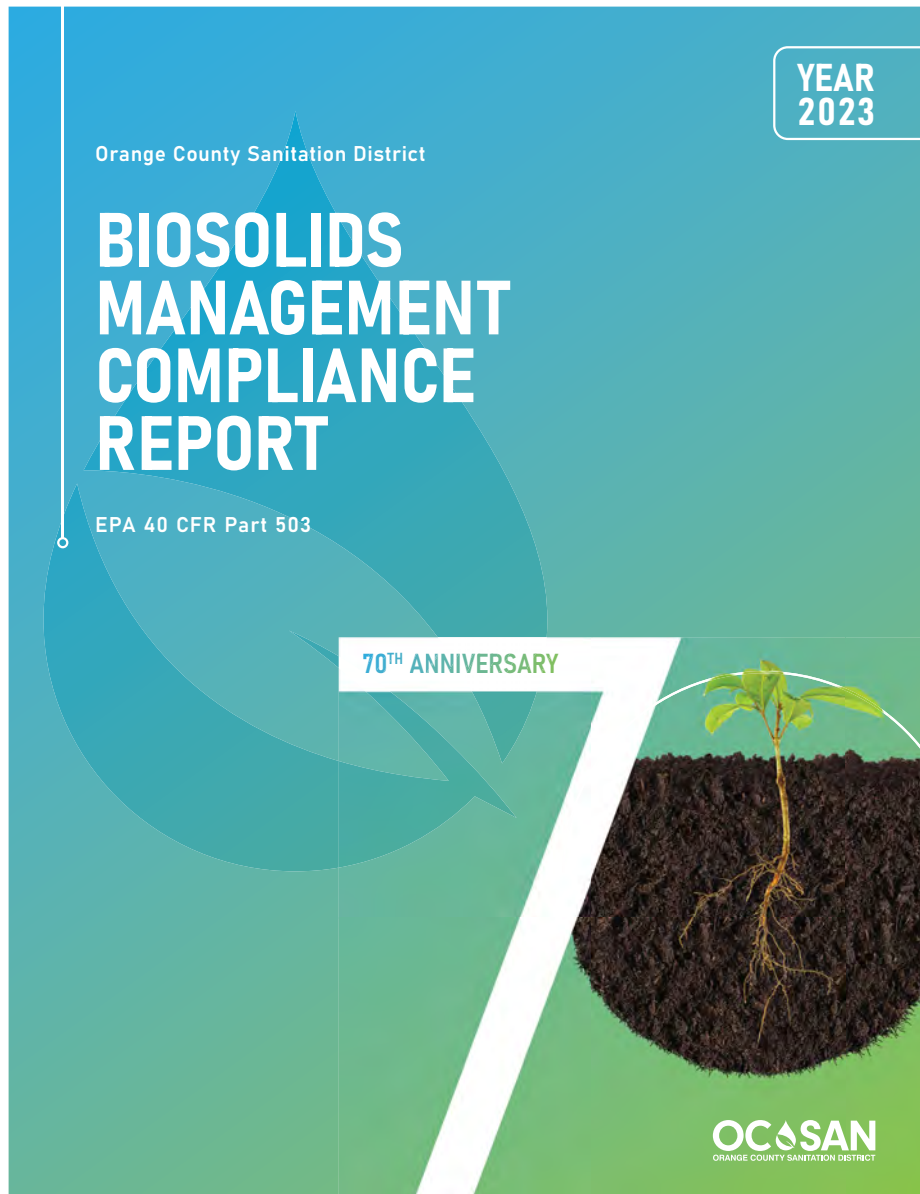
Orange County, California



Financial Report

REPORTS

Fiscal Year 2023/24



Biosolids Compliance Report

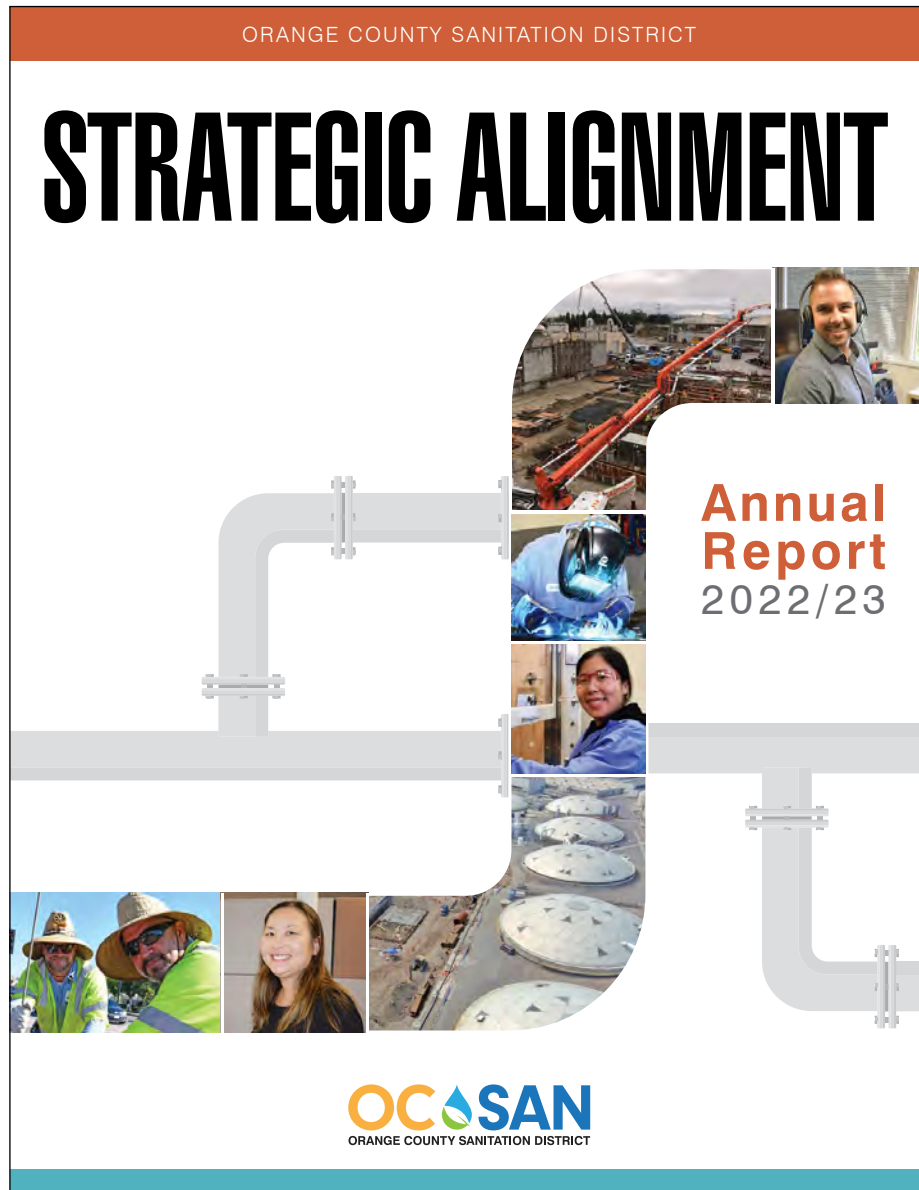
REPORTS
Fiscal Year 2023/24



Asset Management Plan

REPORTS

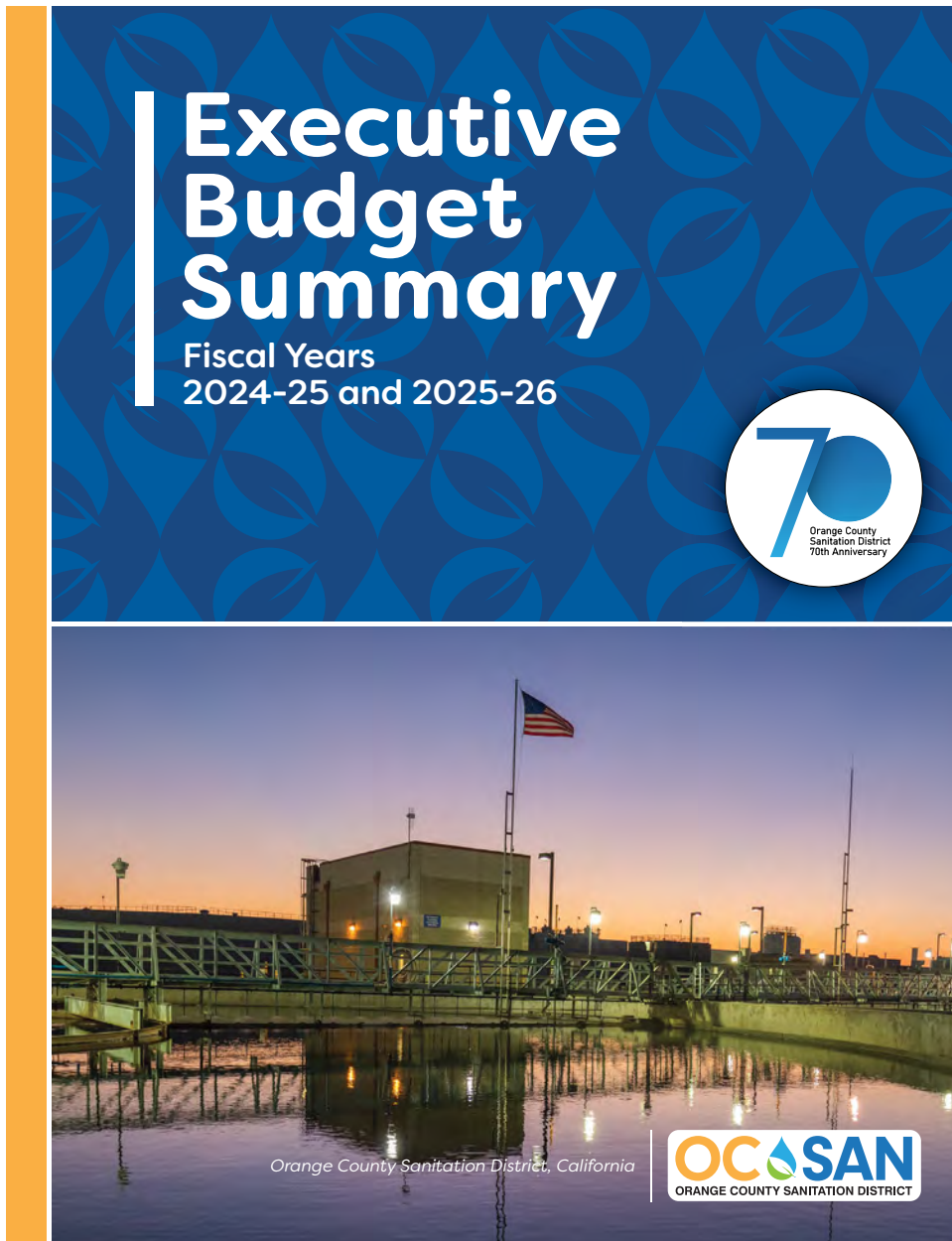
Fiscal Year 2023/24



Annual Report

REPORTS

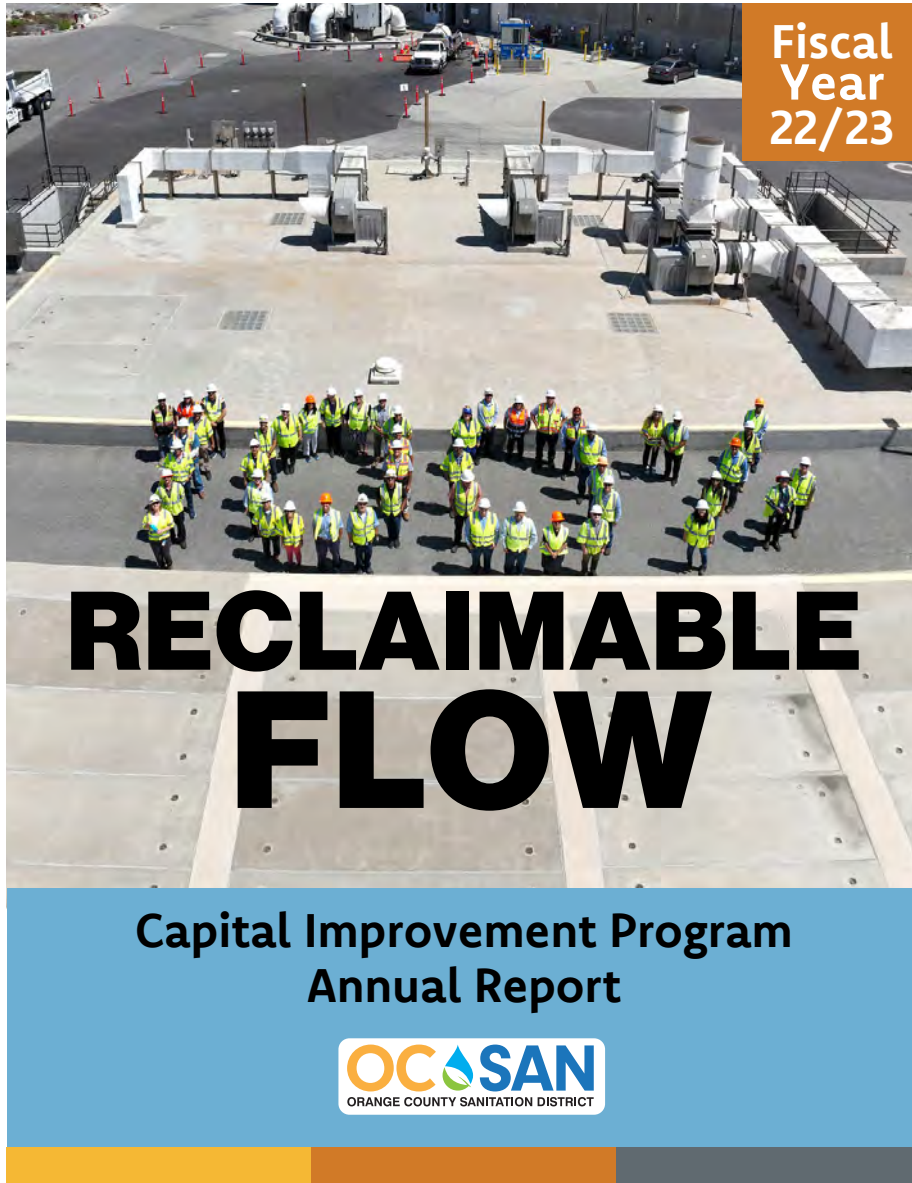
Fiscal Year 2023/24



Executive Summary

REPORTS

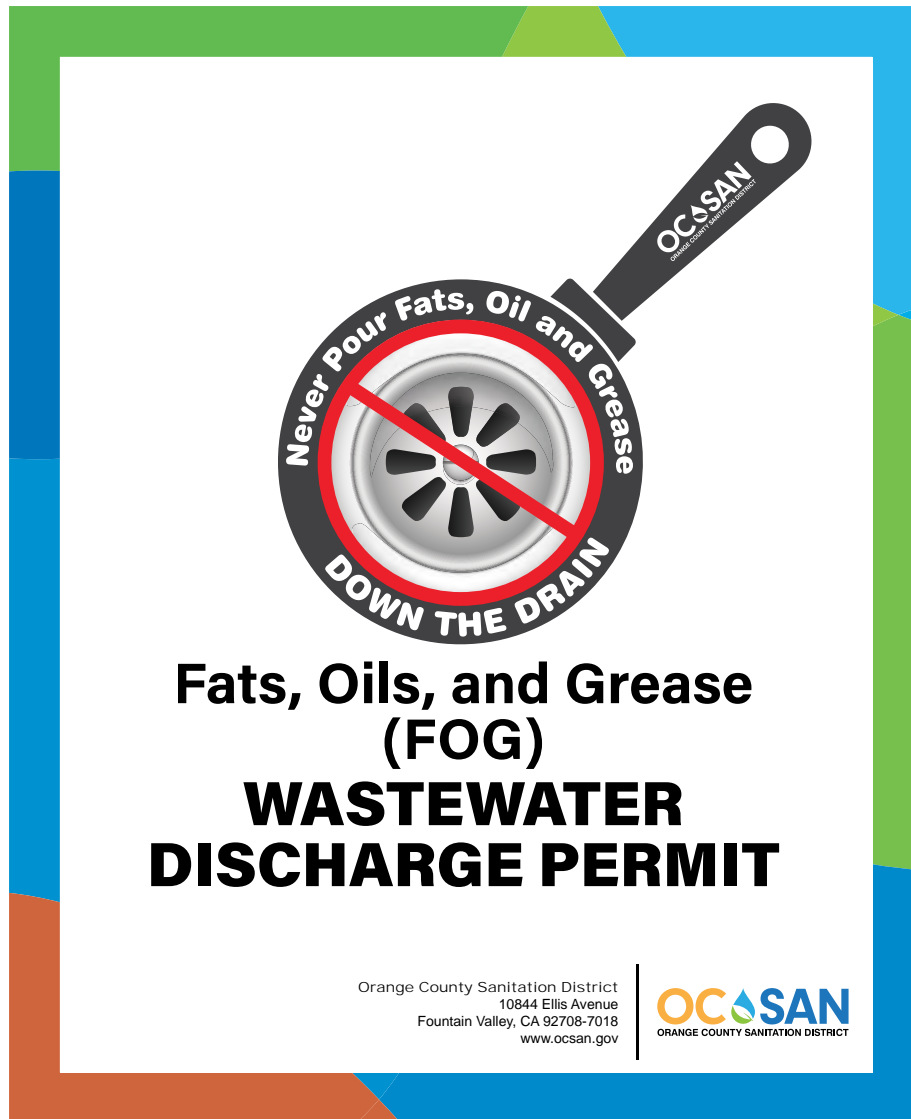
Fiscal Year 2023/24



CIP Annual Report

REPORTS

Fiscal Year 2023/24



FOG Permit Manual

REPORTS
Fiscal Year 2023/24

Marine Monitoring Annual Report

Program Year 2022 - 2023



Marine Monitoring Annual Report

REPORTS
Fiscal Year 2023/24



Mid-Year Financial Report

REPORTS

Fiscal Year 2023/24



Popular Annual Financial Report

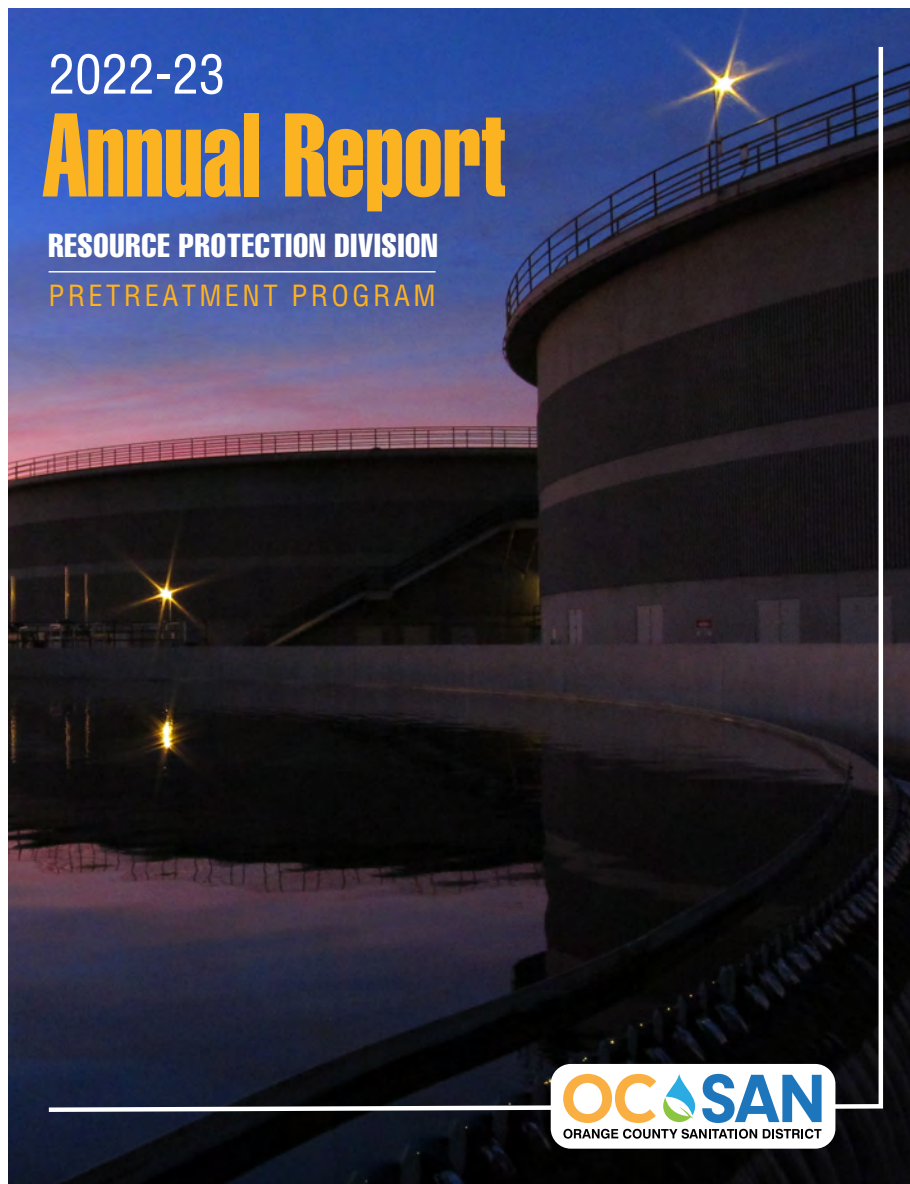
REPORTS

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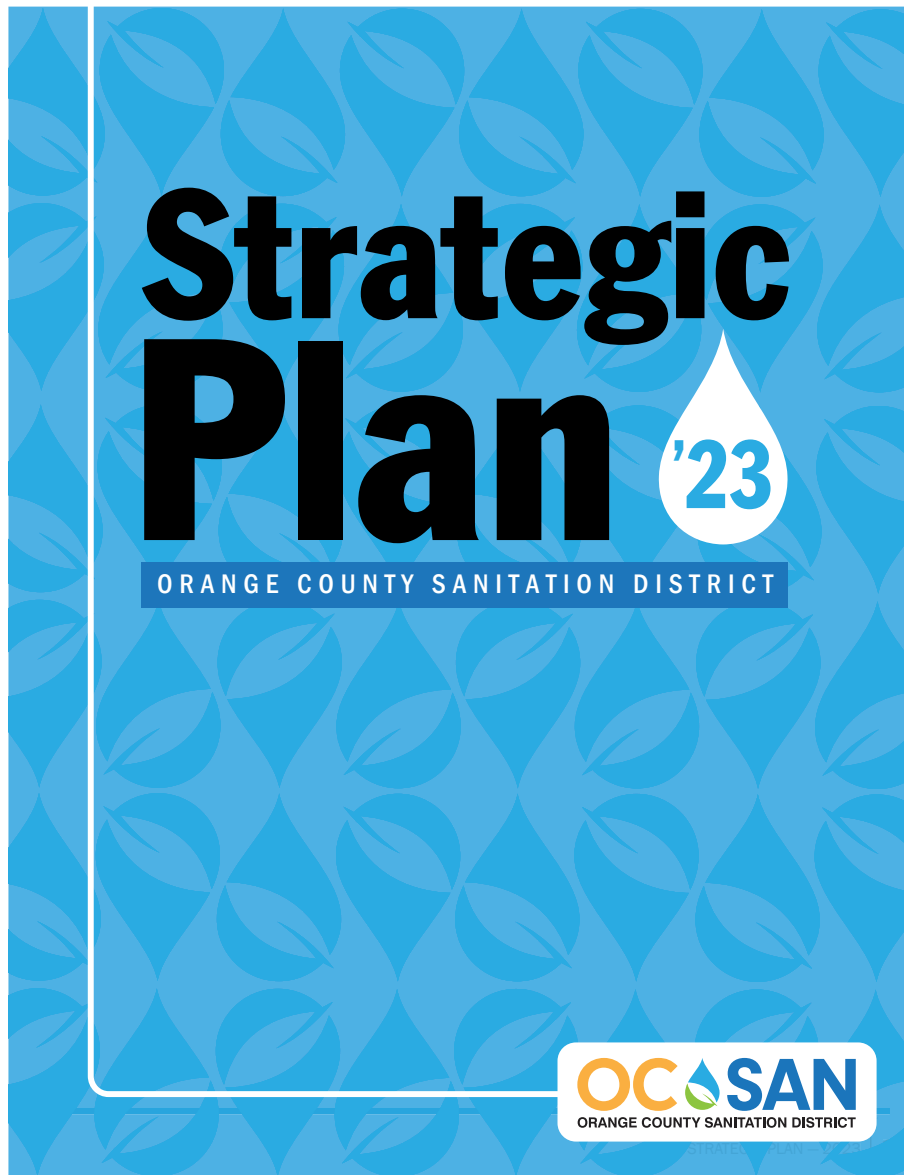
First Quarter Financial Report

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Resource Protection Annual Report

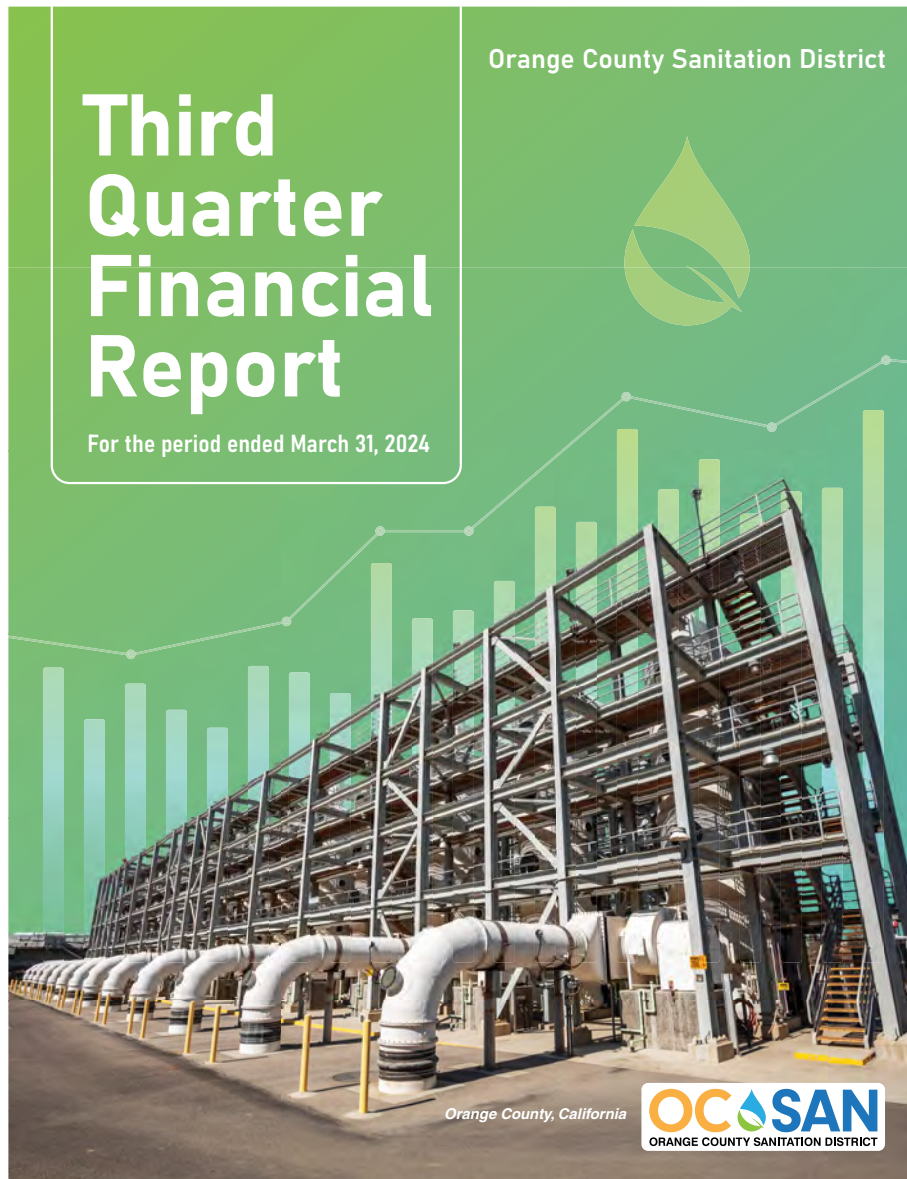
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Fiscal Year 2023/24



Strategic Plan

REPORTS

Fiscal Year 2023/24



Third Quarter Financial Report

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PUBLIC AFFAIRS OFFICE

18480 Bandilier Circle | Fountain Valley, CA 92708

Website: www.ocsan.gov | Social Media: @OCSanDistrict | Email: forinformation@ocsan.gov