

PUBLIC AFFAIRS PORTFOLIO

Fiscal Year 2021-2022



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MEET THE TEAM



Jennifer Cabral
Administration Manager



Daisy Covarrubias
Principal Public Affairs Specialist



Rebecca Long
Senior Public Affairs Specialist



Kelly Newell
Public Affairs Specialist



Belen Carrillo
Public Affairs Specialist



Gregg Deterding
Graphics Designer



Cheryl Scott
Administrative Assistant

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OUTREACH

OUTREACH Brochure

The Orange County Sanitation District (OC San) is a special district governed by a 25-member Board of Directors comprised of 20 cities, four special districts, and one representative from the Orange County Board of Supervisors. OC San provides wastewater collection, treatment, and recycling for approximately 2.6 million people living within a 480 square mile area of central and northwest Orange County.

Each day OC San treats more than 180 million gallons of wastewater each day from residential, commercial, and industrial sources at two plants: Reclamation Plant No. 1 in Fountain Valley and Treatment Plant No. 2 in Huntington Beach. That's enough wastewater to fill Angel Stadium 2 ½ times!



Annexation into the OC San Service Area





10844 Ellis Avenue, Fountain Valley, CA 92708-7018
Phone: 714.962.2411
Email: forinformation@ocsan.gov
Website: www.ocsan.gov

Social Media: @OCSanDistrict



What does annexation to OC San mean?

Properties within the OC San service area are provided with wastewater collection, treatment, and recycling services. In this case, services have been provided to properties not recognized as being within the service area. The annexation process will accurately reflect the properties as being within the service area.

Will the annexation cause a change in services or require property owners to take any action?

No. Property owners will continue to receive the same sewer services they have been receiving without any action on their part.

As the property owner, how does this affect me?

Your property has been receiving sewer services and will continue to receive sewer services from OC San. The only change is once your property has been annexed to OC San's service area, an annual sewer service fee will be collected on the property tax bill moving forward. OC San will not be collecting fees from past years.

What if I am not connected to the sewer system?

The annexation includes a small number of properties that are not connected to a sewer system and use septic tanks. Parcels on a septic system are exempt from OC San sewer fees, and will only be collected when these properties are ready to connect to the public sewer system.

When can I expect to see these new fees and how much will I have to pay?

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 property tax bill is the most cost-effective method of fee collection.

Property owners will see the sewer user fee on the fiscal year 2022 – 23 property tax bill. Below is a table illustrating past, current and future annual fees.

OC San Annual Single Family Residential User Rate					
2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
\$331	\$335	\$339	\$339	\$347	\$351

Residential properties are charged a flat rate. Non-residential properties are charged a rate per thousand square feet of improvements. The rate varies based upon the use of the property.

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 or water district. That system collects the sewage from your property, 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.



How do I learn more about OC San and the annexation?

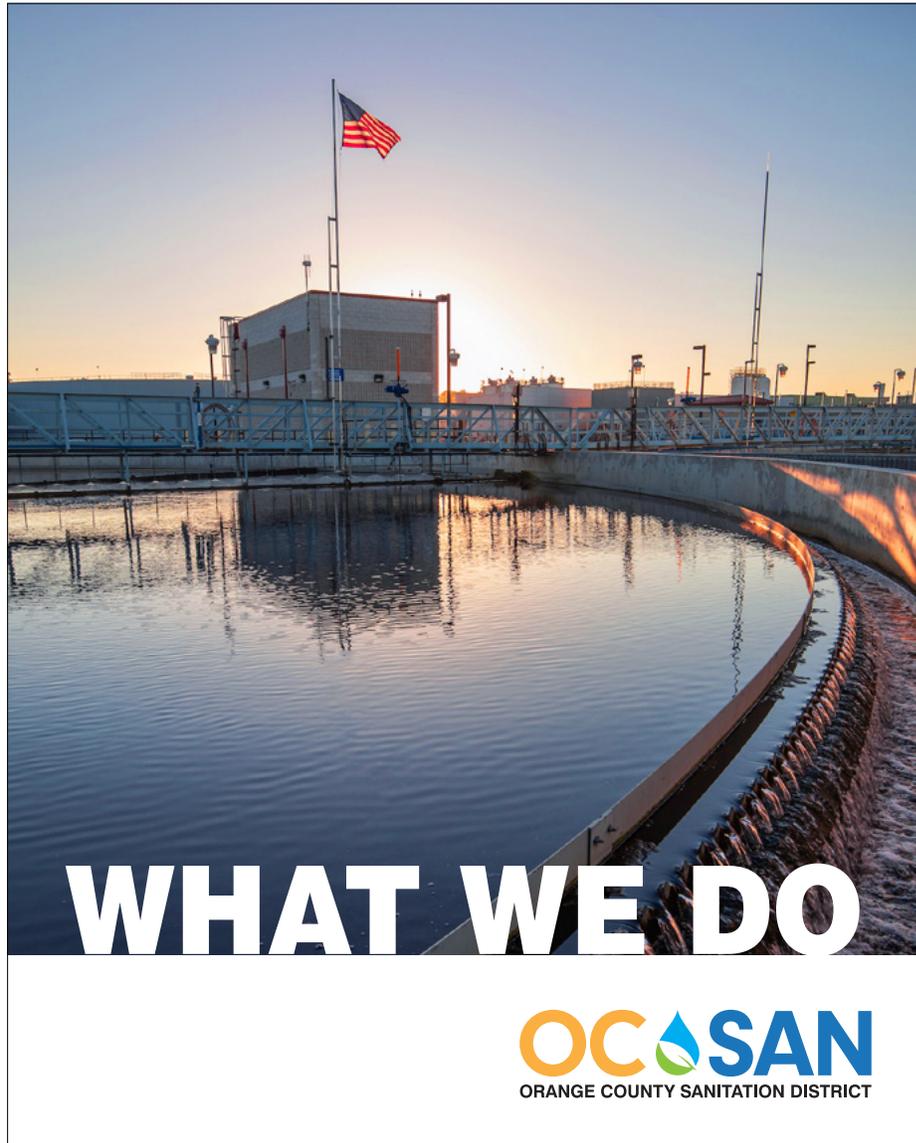
We will be hosting a live virtual meeting on _____, 2021 from x -x p.m. There will be a short presentation with a question and answer session. Register by visiting www.ocsan.gov/annexation by _____, 2021.

If you are unable to attend the meeting, a recording will be made available the following day at www.ocsan.gov/annexation.

If you have any questions please contact _____ at (714) 593-xxxx or email _____@ocsan.gov.

Brochure

OUTREACH Brochure



General Brochure

OUTREACH Fact Sheets

ORANGE COUNTY SANITATION DISTRICT Facts and Key Statistics

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

2020-21 Average Daily Flow of Wastewater Received in mgd

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

Ocean Monitoring

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

Budget & Rate Information 2021-2022

- 639 full-time authorized staff
- \$408 million – Current operating and capital improvement budget
- \$343 – Annual regional single family sewer fee
- \$5.346 – Average connection fee for a single family (3-bedroom) residence
- \$2.681 – Estimated cost to collect, treat and dispose of one million gallons of sewage

OUR MISSION
"To protect public health and the environment by providing effective wastewater collection, treatment, and recycling."

Facts and Key Statistics

ORANGE COUNTY SANITATION DISTRICT Answers to questions about... Biosolids

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.

What are Biosolids?
Biosolids are nutrient rich, treated organic matter recovered through the treatment of wastewater.

What is the Biosolids Program?
OC San's biosolids program consists of processes to ensure solids are treated onsite and used offsite (recycled) in accordance with all regulations and best management practices.

How are they treated?
Solids in wastewater (sewage sludge) are settled through the treatment process and treated (digested) to minimize pathogens (germs that cause disease) and odors. These digested solids are called biosolids.

The digestion process also yields methane gas that is converted to electricity to fuel most of our treatment operations. The waste heat from the bio-generators is recycled to heat the digesters.

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What is Biosolids Program sustainability?
OC San's biosolids program is a sustainable practice that recycles organic matter and reduces the need for synthetic fertilizers.

Biosolids are nutrient rich, contain beneficial microbes, and bring needed organic matter to marginal desert soils, they are a low-cost, environmentally-friendly alternative to common petroleum-based fertilizers.

How do our biosolids enhance the

ORANGE COUNTY SANITATION DISTRICT Answers to questions about... Central Power Generation System

Background
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. We operate two facilities — Reclamation Plant No. 1 in Fountain Valley and Treatment Plant No. 2 in Huntington Beach — and treat more than 180 million gallons of wastewater per day.

What are the Benefits of the Central Power Generation System?
To improve plant reliability, and save money by producing our own electricity. The Central Power Generation System replaced several combustion engines with eight larger gas engines that produce less emissions of nitrogen and carbon monoxide because digester gas burns slower, and thus produces less air pollution. The gas is approximately 60 percent methane and 35 percent carbon dioxide and is an excellent fuel.

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How does this process improve things?
The Central Power Generation System replaced several combustion engines with eight larger gas engines that produce less emissions of nitrogen and carbon monoxide because digester gas burns slower, and thus produces less air pollution. The gas is approximately 60 percent methane and 35 percent carbon dioxide and is an excellent fuel.

ORANGE COUNTY SANITATION DISTRICT Answers to questions about... Fats, Oils, and Grease

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.

What is FOG?
FOG stands for fats, oils, and grease. FOG is a mixture of fats, oils, and grease from various cooking ingredients such as:
• Butter and margarine
• Lard
• Meat fat
• Dairy products
• Food scraps
• Baked goods

How does FOG enter the sewer system?
FOG enters the sewers often unintentionally. FOG enters our sewers via to cook bacon is washed down the drain.

Why is FOG a problem?
When poured down the drain, FOG enters the sewer system and causes significant problems to Orange County Sanitation District's (OC San) sewer collection system. FOG can solidify and block sewer pipes.

How to minimize FOG discharge?
Can it. Cool it. Throw it away. The best way to manage FOG is to keep it out of the sewer system. Below are some easy steps to keep FOG out:
• Don't pour FOG down the drain.
• Collect FOG in a container.
• Recycle FOG.

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.

What does the program show?
• Fish and other critters are healthy where we release our treated wastewater. They are no different from those living in similar parts of the ocean.

What are the benefits of the program?
• The program shows that the water quality in the ocean is good. This is important because the level of pollutants has decreased since 1985 because of OC San's Source Protection Program.
• Bacteria levels in beach water samples are low. When that occurs, the Orange Health Care Agency posts advisories or closes beaches. Scientists can track the bacteria to their source.
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ORANGE COUNTY SANITATION DISTRICT Answers to questions about... Pharmaceuticals

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.

What are pharmaceuticals?
Pharmaceuticals are medications obtained as ordered by a doctor ("prescribed") or purchased over-the-counter without a doctor's prescription.

What effects can flushing pharmaceuticals cause?
1. Studies show that hormones found in pharmaceuticals may cause abnormalities in the reproductive cycles of fish which is why we have an Ocean Monitoring Program that monitors the marine life to ensure they are healthy.
2. Disposing of pharmaceuticals to the sewer can lead to the development of antibiotic-resistant bacteria. Thus, the standard medications used to treat infection become ineffective against the bacteria.
3. In the past, people have been instructed to flush medication down the toilet to prevent harm to children and animals. However, we now know that flushing pharmaceuticals can have adverse effects on the environment. Flushing is no longer the recommended disposal method. Environmental Protection Agency strongly recommends against using any pharmaceuticals (Federal Register, Vol. 84, No. 3, February 22, 2019).

How to dispose of unwanted medication?
1. Take them to a collection event, such as the National Prescription Drug Take Back Day. For information, <https://takebackday.dea.gov>.
2. Take the medication back to the pharmacy you obtained it from if it has a take-back program.

ORANGE COUNTY SANITATION DISTRICT Answers to questions about... Urban Runoff Diversions

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.

What is Urban Runoff?
Urban runoff is water that is generated by daily activities such as lawn irrigation, hosing down sidewalks, and car washing. As the water flows across the urban landscape, it becomes contaminated with nutrients, pesticides, heavy metals, toxic chemicals, bacteria, and viruses. Once the contaminated water reaches our creeks, rivers, and shoreline, the pollutants carry the potential to harm wildlife and native vegetation, spoil recreational opportunities, and even cause human illness through contact with recreational waters.

Why did OC San take action?
Investigation into the 1999 Orange County beach closures due to high bacteria levels along the Huntington Beach shoreline suggested that dry weather urban runoff flowing into the ocean from the surrounding watersheds may have caused or contributed to the bacterial contamination. As a result of these closures, OC San began to accept urban runoff into the sewer system, thus establishing the Urban Runoff Diversion Program. In June 2002, Assembly Bill 1892 amended OC San's charter to formally allow the diversion and management of dry weather urban runoff flows.

What are OC San's latest steps?
On June 28, 2013, the OC San Board of Director's adopted Resolution No. 13-09 expanding the availability of dry weather urban runoff treatment from 4 million gallons a day (MGD) to 10 MGD. This latest policy opened the door to additional flows to help remediate other environmental problems, including the excessive loading of nitrogen and selenium in the upper and middle Newport Bay Watershed.

How much Urban Runoff has OC San treated?
Since 1999, OC San has treated a total of 9.8 billion gallons of dry weather runoff. OC San expects to receive over 30 million gallons per year. Current discharge trends remain unchanged.

Are Urban Runoff Diversions regulated?
Yes, OC San's Resource Protection Division administers the Dry Weather Urban Runoff Program through the issuance of a discharge permit for each of the diversion structures. The permit establishes discharge limits, constituent monitoring, and flow metering requirements, as well as provides guidelines that specifically prohibit storm runoff and authorizes discharge only during periods of dry weather. OC San also conducts quarterly sampling and analysis of the urban runoff diversions to ensure discharge limit compliance with the various regulated constituents.

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Fact Sheets

OUTREACH

Biosolids

ORANGE COUNTY SANITATION DISTRICT

How to Procure and Use Biosolids Compost: An SB 1383 Compliance Option

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.

Compost Toolbox and Webinar Video Available

In Fall 2021, OC San hosted a Compost Procurement webinar for our member agencies to help them prepare for this upcoming regulation. The webinar explained what compost is and how it can be locally applied, introduced OC San's compost manufacturers and their products, and answered any questions about biosolids compost.

OC San's Compost Outreach website contains links to the video recording of the webinar and the biosolids compost toolbox. Visit www.ocsan.gov/compost. OC San has bulk compost onsite for our member agencies to sample, demonstrate, and evaluate before they order larger quantities direct from contractors. Instructions and contact information are contained within the e-form also available on the Compost Outreach website.

Learning Objectives

- SB 1383 buy-back options
- Benefits of biosolids compost
- Getting started
 - Procurement
 - Use
- Demonstrations & lessons learned
- Meet biosolids composters and their products

Target Audiences

- SB 1383 Compliance Managers
- Landscape Maintenance Managers



*Biosolids compost enhances landscapes,
improves soils, and saves water*

10844 Ellis Avenue, Fountain Valley, CA 92708-7018
Phone: 714.962.2411
Email: forinformation@ocsan.gov
Website: www.ocsan.gov
Social Media: @OCsanDistrict



Answers to questions about Biosolids

Orange County's biosolids are safe, highly-regulated, and meet restrictive Federal, State and local standards for recycling this resource. OC San's pretreatment program has reduced the average daily pounds of metals entering OC San's system by 85 percent, resulting in a 99 percent reduction of metals discharged to the marine environment and maintaining low-metal content in our biosolids since 1976.

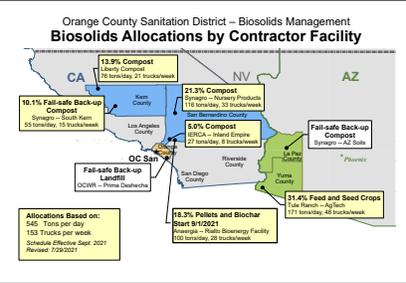
Learn More

Visit our website at www.ocsan.gov/biosolids for more information and to sign up for periodic biosolids program newsletters using the "Keep me Informed" button. OC San encourages public input on our biosolids program. Contact **Deirdre Bingman** at 714.593.7459 or dbingman@ocsan.gov.

Related Publications

- Biosolids articles and newsletters: www.ocsan.gov/biosolids
- Annual Biosolids 503 Compliance Report: www.ocsan.gov/503
- Biosolids Policy: www.ocsan.gov/bios-policy
- Biosolids Contractor Requirements document: www.ocsan.gov/bcr
- Biosolids Video: www.ocsan.gov/biosolidsgo1

Orange County Sanitation District – Biosolids Management
Biosolids Allocations by Contractor Facility



OC San 04/2020

Fact Sheet

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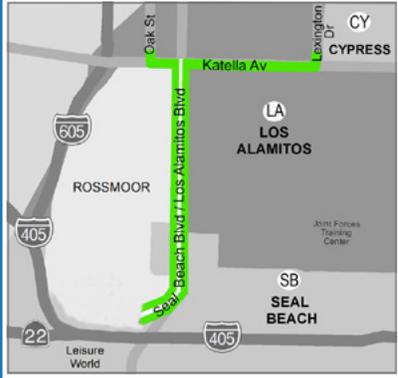


CONSTRUCTION IS COMING!

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.



(See reverse for additional information) →

Post Card

CONSTRUCTION IS COMING!

ORANGE-WESTERN TRUNK SEWER PROJECT

The Orange-Western Trunk Sewer Project is starting.

This project will make improvements to the regional sewer lines and manholes in the cities of Anaheim, Buena Park, and Cypress.



(See reverse for map and additional information) →



Post Card

OUTREACH Construction

Orange County Sanitation District

WESTMINSTER BLVD. SEWER PROJECT Neighborhood Bulletin



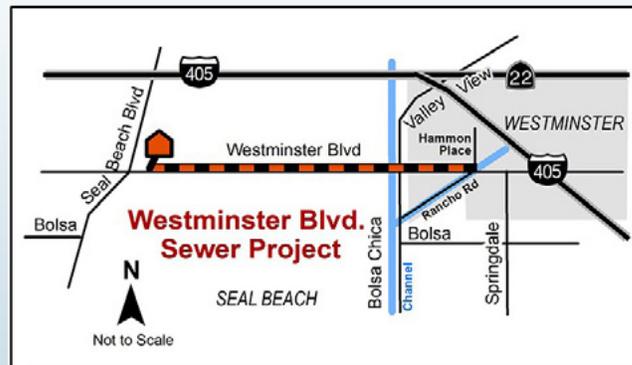
Published by the Orange County Sanitation District

Fall 2021

Project Information

The Orange County Sanitation District (OC San) Westminster Blvd. Sewer Project replaces and reconstructs the existing regional sewer force main system, along Westminster Blvd. starting at Seal Beach Blvd. and ending at Rancho Rd. in the cities of Seal Beach and Westminster.

Most of the sewer collection system relies on gravity, much like the gutters in front of our homes. Force mains are pressurized sewer pipelines. The OC San force main system along Westminster Blvd. consists of two parallel pipelines.



The OC San Seal Beach Pump Station, located at the corner of Westminster Blvd. and Seal Beach Blvd., pumps wastewater through the Westminster Blvd. sewer force main system. An average of 8 million gallons a day (mgd) of wastewater makes its way through the Seal Beach Pump Station. After wastewater flows through the force main system, it then continues through gravity sewer pipes to OC San's Plant No. 1 in Fountain Valley for treatment and recycling.

8 mgd could fill over 12 Olympic sized pools



When construction is completed late 2022, there will be two new 36-inch (3-foot) diameter sewer pipelines along a three mile stretch of Westminster Blvd. Since there are two pipelines, that is six miles of pipelines expected to last the next 40-50 years!

Newsletter

OUTREACH Construction



CONSTRUCTION IS COMING!

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

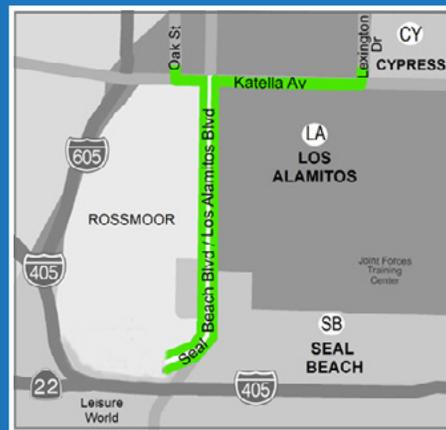
Stay informed of the latest construction news by signing up for text alerts and email notifications.



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.



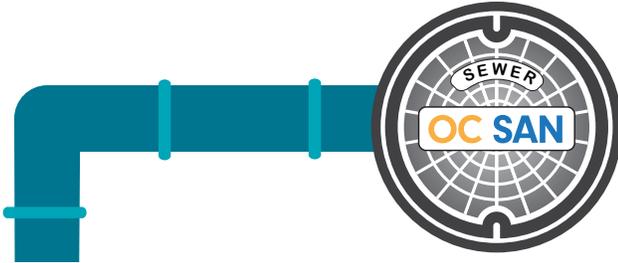
Connect with us @OCsanDistrict

Community Blog Ad

OUTREACH Construction

ORANGE COUNTY SANITATION DISTRICT

Cypress Trunk SEWER PROJECT



QUESTIONS: Contact OC San's Construction Hotline at 714.378.2965 or via email at ConstructionHotline@ocsan.gov and online www.ocsan.gov/Cypress



Microsoft Word Template

OUTREACH

Construction

PLANT NO. 2 CONSTRUCTION UPDATE

Pile Driving Construction Activity: Mid-June to September 2022

What to Expect:

Intermittent construction activity noise may be noticeable.



Primary Clarifiers Replacement Project

This project will replace four existing Primary Clarifiers, large settling tanks essential for the primary treatment of wastewater. Once fully constructed, the existing clarifiers will be demolished.

Upcoming work includes pile driving for shoring installation. Increased construction activity noise may be noticeable.

More information about this project and other projects at OC San's Plant No. 2 in Huntington Beach can be found by visiting www.ocsan.gov/HB or scanning the QR code.



We understand that construction can be an inconvenience and thank you for your patience.

Call: Construction Hotline
714.378.2965

Email:
ConstructionHotline@ocsan.gov
Visit: www.ocsan.gov

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

Plant No. 2 Post Card

OUTREACH Construction



HEADQUARTERS ADMINISTRATION BUILDING PROJECT

Upcoming Night Work on Ellis Avenue

Monday - Friday, 9 p.m. - 5 a.m.
May 2022 - July 2022*

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

Upcoming construction activity of underground utilities crossing Ellis Avenue will require lane closures. Driving on eastbound Ellis Avenue, left turns will not be allowed onto Bandilier Circle and Pacific Street during work hours. See map on the right for a suggested detour.

This work will be done at night to minimize traffic impacts and is being coordinated with the freeway project and the City of Fountain Valley.

Project Info:
This project constructs a new 3-story administrative office building and pedestrian bridge over Ellis Avenue to the OC San Plant No. 1 facility in Fountain Valley.

Website:
www.ocsan.gov/headquarters

Questions?
Construction Hotline:
714.378.2965
ConstructionHotline@ocsan.gov

Follow Us:
[@OCSanDistrict](#)

Headquarters Post Card

OUTREACH Communication

OC San Connection

community newsletter



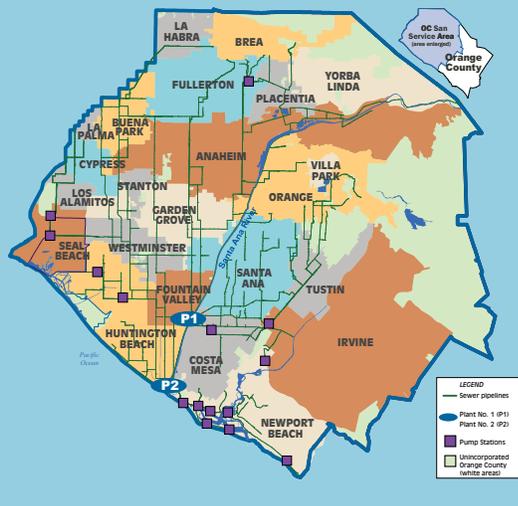
published by the orange county sanitation district

Fall 2021

Who is OC San?

OC San is a resource recovery facility responsible for safely collecting, treating, recycling, and disposing of wastewater generated by 2.6 million people in central and northern Orange County. That includes 20 cities, 4 special districts, and unincorporated areas of the County of Orange. OC San has two treatment plants, one in Fountain Valley and one in Huntington Beach, 15 offsite pump stations, and 388 miles of regional sewers that must be maintained and operated on a daily basis. As water leaves your home through your bathroom, kitchen sink, laundry, etc. it makes its way to the local sewer lines which eventually reach our regional lines that then carries the sewage to our wastewater plants for treatment and recycling. Being a resource recovery facility means that after we treat the sewage, we convert it into useful products, principally water, energy, and agricultural fertilizer.

Our Service Area



More Water for More People

The Groundwater Replenishment System (GWRS) is a collaboration between OC San and the Orange County Water District (OCWD). It is the world's largest water purification system for indirect potable reuse. The system takes highly treated wastewater from OC San and purifies it using a three-step advanced treatment process. The result: high quality water that meets or exceeds all state and federal drinking water standards. Several projects are actively in construction on the final expansion of GWRS by both OC San and OCWD to produce enough water for one million people in Orange County. To learn more, OCWD provided a construction update video that can be viewed at www.ocsan.gov/GWRS.

We are in your neighborhood

This Orange County Sanitation District (OC San) publication has been created to share information and articles of interest to learn more about us. As our customers, we want you to know what we do, why we do it, and how we do it.

Newsletter Plant No. 1

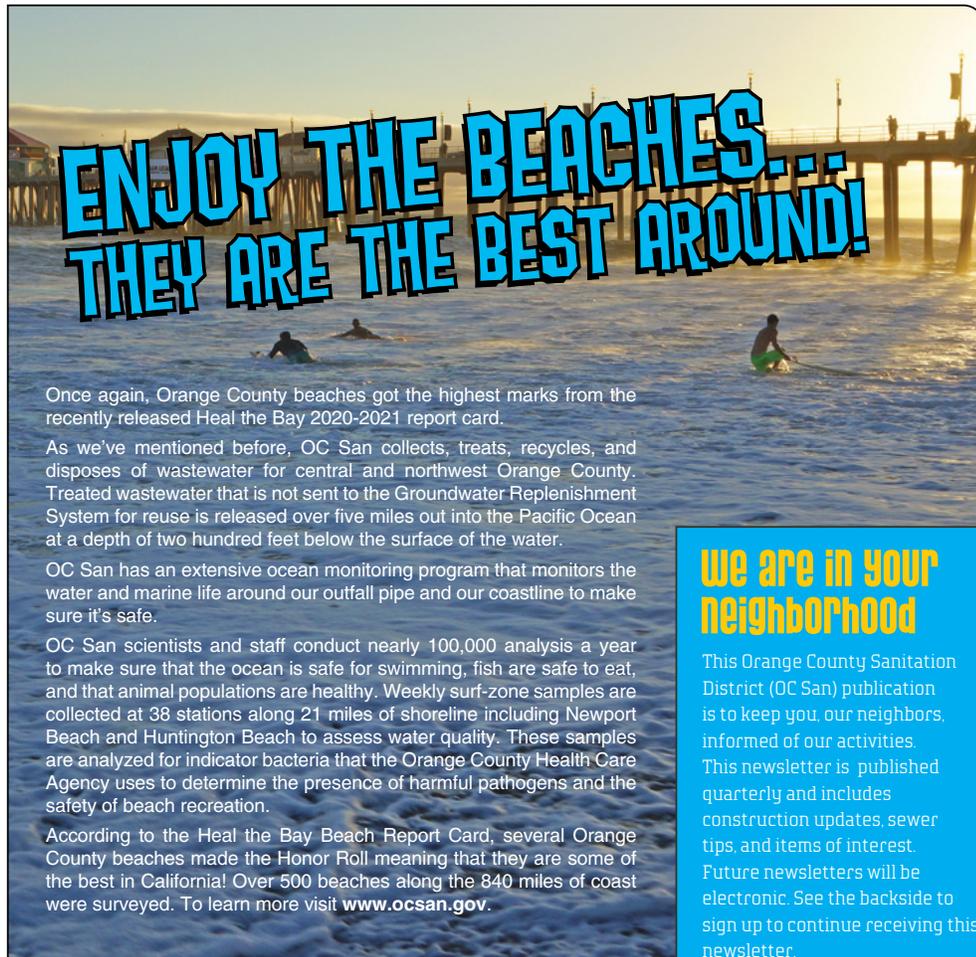
OUTREACH Communication

the neighborhood connection



published by the orange county sanitation district

Summer 2021



Once again, Orange County beaches got the highest marks from the recently released Heal the Bay 2020-2021 report card.

As we've mentioned before, OC San collects, treats, recycles, and disposes of wastewater for central and northwest Orange County. Treated wastewater that is not sent to the Groundwater Replenishment System for reuse is released over five miles out into the Pacific Ocean at a depth of two hundred feet below the surface of the water.

OC San has an extensive ocean monitoring program that monitors the water and marine life around our outfall pipe and our coastline to make sure it's safe.

OC San scientists and staff conduct nearly 100,000 analysis a year to make sure that the ocean is safe for swimming, fish are safe to eat, and that animal populations are healthy. Weekly surf-zone samples are collected at 38 stations along 21 miles of shoreline including Newport Beach and Huntington Beach to assess water quality. These samples are analyzed for indicator bacteria that the Orange County Health Care Agency uses to determine the presence of harmful pathogens and the safety of beach recreation.

According to the Heal the Bay Beach Report Card, several Orange County beaches made the Honor Roll meaning that they are some of the best in California! Over 500 beaches along the 840 miles of coast were surveyed. To learn more visit www.ocsan.gov.

We are in your neighborhood

This Orange County Sanitation District (OC San) publication is to keep you, our neighbors, informed of our activities. This newsletter is published quarterly and includes construction updates, sewer tips, and items of interest. Future newsletters will be electronic. See the backside to sign up to continue receiving this newsletter.

Newsletter for Plant No. 2

OUTREACH Communication

THIS HOLIDAY SEASON... DO YOUR PART AND BE SEPTIC SMART

OC San would like to reach out to wish you Happy Holidays and extend a courtesy reminder for homeowners to inspect their septic system to make sure it is prepared for this holiday season.

Did you know that approximately 50 percent of septic servicing is done in response to an emergency failure, like a blockage or drainage issue?

Be proactive and have a professional conduct an inspection on your septic tank before it becomes a problem. A failed septic system is the last thing anyone wants to deal with as they are preparing that special meal with family and friends.

OC San's advice, know your septic tank!

Every home's septic system is unique and there is no one-size fits all approach. Maintenance, such as routine inspection and pumping of your septic tank, depends on the tank size, number of residents, and other factors like household products used. OC San recommends homeowners schedule annual septic tank inspections to ensure their system is operating properly.

Did you know that your hauled septic waste can be taken to OC San for treatment to protect the environment and public health? Also, by properly managing your septic system, you are protecting your home's value while reducing the potential for costly emergency servicing, plumbing repairs, or replacing a damaged system.



HAVE A JOYOUS HOLIDAY SEASON AND REMEMBER TO BE SEPTIC SMART!



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Fountain Valley, California 92708
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Website: www.ocsan.gov

BE PROACTIVE

Have a professional conduct an inspection on your septic tank before it becomes a problem.

For more information visit:
www.epa.gov/septic

OC San collects and treats more than 180 million gallons of wastewater a day from 2.6 million people in central and northern Orange County. By helping keep your septic tanks clean you are helping us protect the environment!

Follow us on social media @OCSanDistrict



11/2021

Post Card

OUTREACH
Employment

Recruitment Announcement



**ENVIRONMENTAL
PROTECTION
MANAGER
(SOURCE CONTROL)**

Orange County Sanitation District



Employment Recruitment
Brochure

OUTREACH Employment

Recruitment Announcement



DIRECTOR OF OPERATIONS & MAINTENANCE

Orange County Sanitation District



Employment Recruitment Brochure

OUTREACH
Employment

Recruitment Announcement



**ENGINEERING
MANAGER
PLANNING**

Orange County Sanitation District

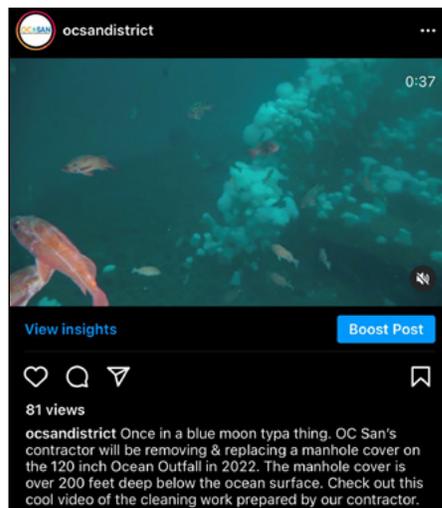
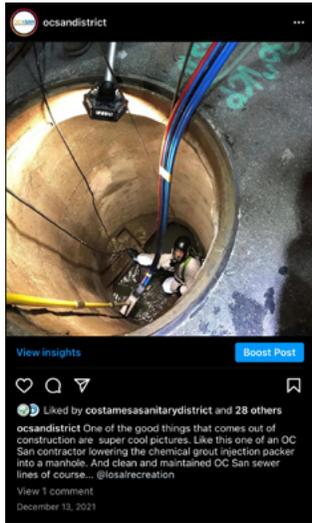


ORANGE COUNTY SANITATION DISTRICT

Employment Recruitment Brochure

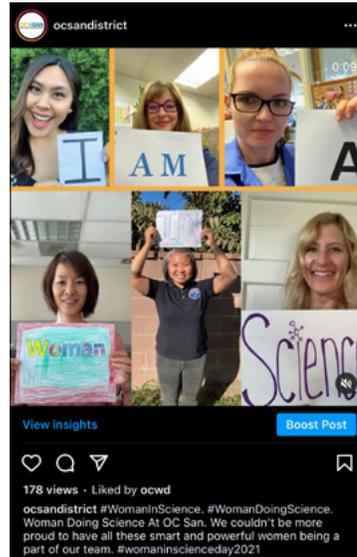
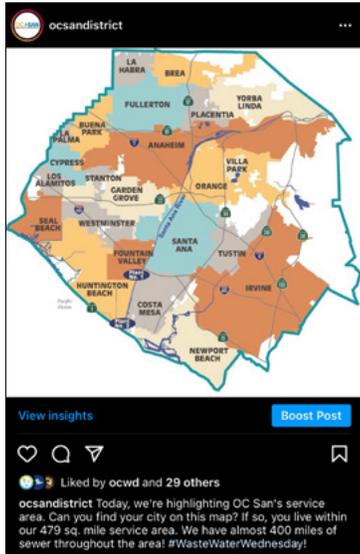
OUTREACH

Social Media/Videos



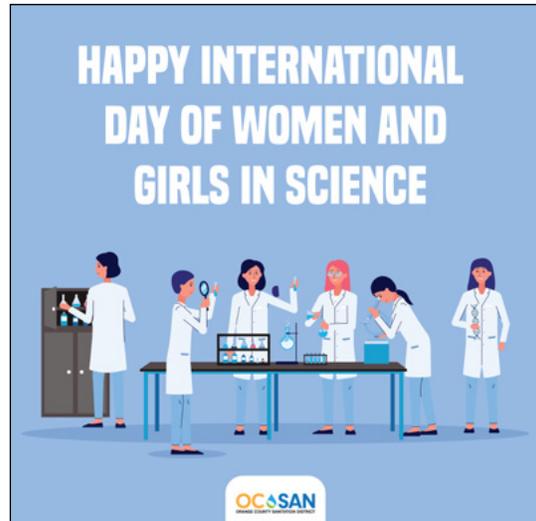
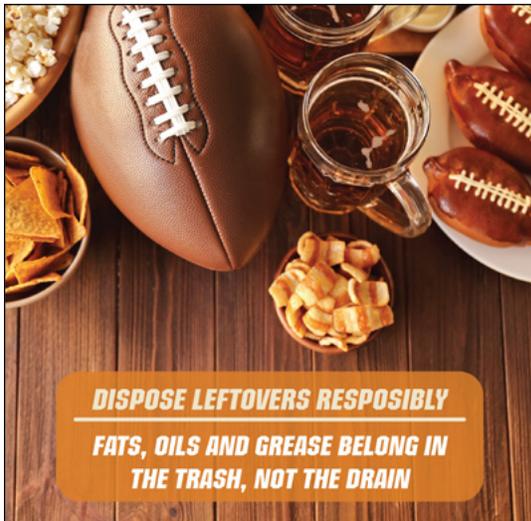
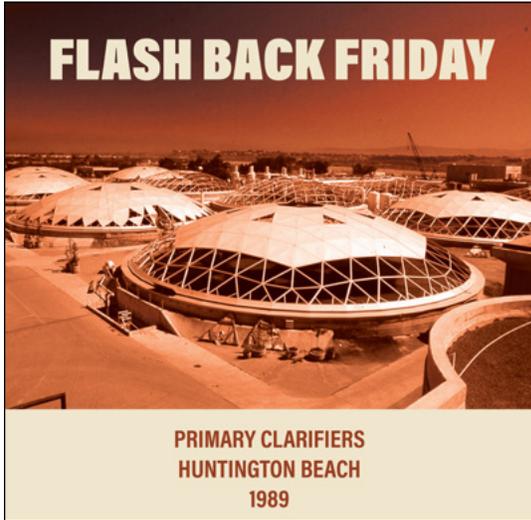
OUTREACH

Social Media/Videos



OUTREACH

Social Media/Videos





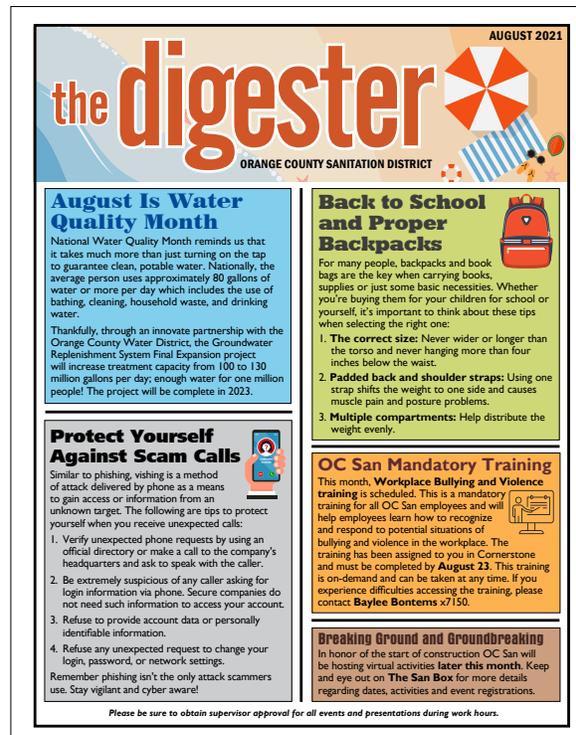
INTERNAL PROJECTS

INTERNAL PROJECTS

Employee Communications



Employee Bi-Monthly Newsletter



Monthly Bulletin

INTERNAL PROJECTS

Employee Communications



Social Media Post



Thank You Card



INTERNAL PROJECTS

Employee Communications



Poster for Employees



Banner

INTERNAL PROJECTS

Employee Communications

Core Values

The Core Values support our Mission and Vision statements by expressing the values, beliefs, and philosophy that guides our daily actions.

Integrity, Inclusion, Honesty, and Respect

We aspire to the highest degree of integrity, inclusion, honesty, and respect in our interaction with each other, our suppliers, our customers, and our community.

We strive to demonstrate these values in our actions, commitments, and service.

Leadership, Teamwork, and Problem Solving

We lead by example, acknowledging the value of our resources and using them wisely to achieve our mission. We strive to reach OC San

goals through cooperative efforts and collaboration with each other and our constituencies.

We work to solve problems in a creative, cost-effective, and safe manner, and we acknowledge team and individual efforts.

Customer Service, Transparency, and Accountability

We are committed to acting in a timely, accurate, accessible, and transparent manner through excellent customer service. We are committed to act in the best interest of our internal and external stakeholders.

Resiliency, Innovation, and Learning

We continuously develop ourselves, enhancing our talents, skills, and abilities. We recognize that only through personal growth and development will we progress as an agency and as individuals.

Safety

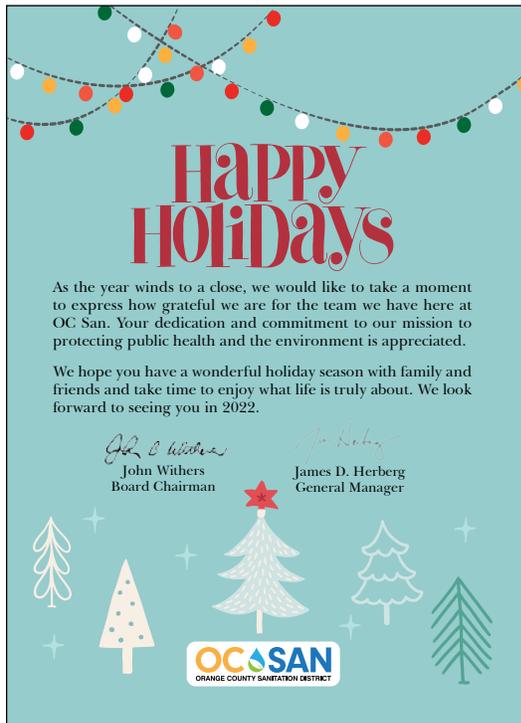
We are committed to providing a safe work environment. We will demonstrate leadership, promote individual accountability, and participate actively in the advancement of our health and safety practices.



OC San Pin Card

INTERNAL PROJECTS

Holiday Celebration



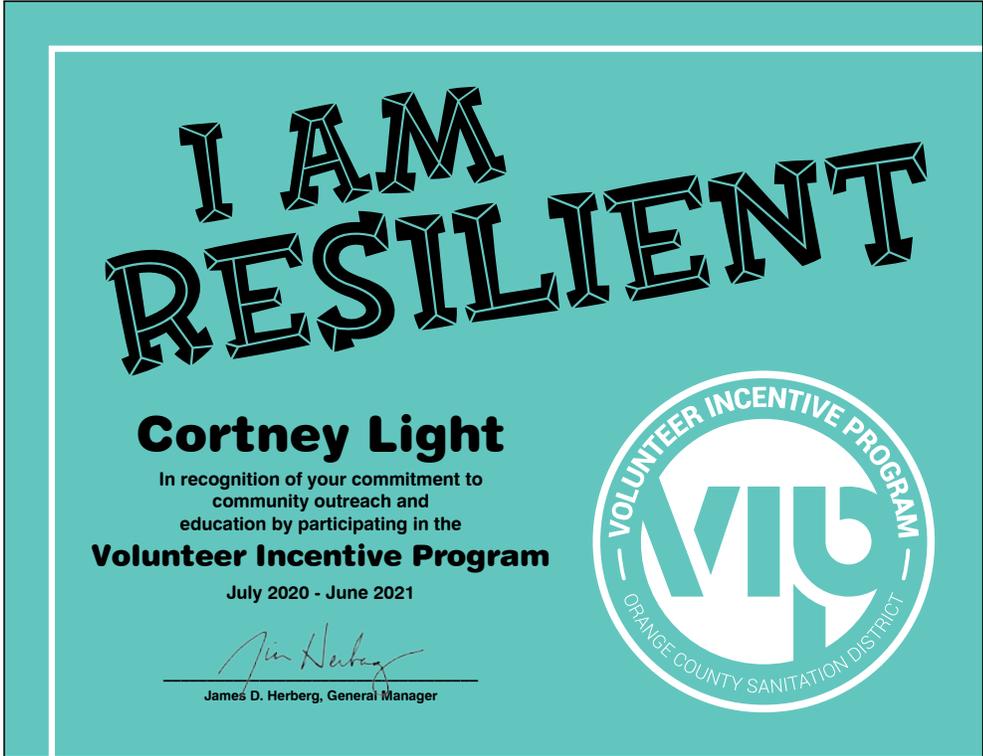
Employee Holiday Card



Staff Appreciation

INTERNAL PROJECTS

Employee Event - VIP Virtual Ceremony



Certificate

INTERNAL PROJECTS

Risk Management

Quarterly Safety and Health Metrics

First Quarter
2022

Safety Program Update: Cal OSHA requires annual review of safety programs, which is generally conducted by Risk Management staff, and any changes to the associated standard operating procedures (SOPs) are approved by the General Manager. This year, Health Science Associates (Consultant) was hired to conduct a comprehensive review of 31 safety SOPs, as well as 10 safety forms for compliance with applicable Cal OSHA regulations and safety orders. The Consultant recommended approximately 600 changes, mostly language and grammatical changes, and no major gaps identified. The updates will not result in any additional training to staff. All employees will be assigned a Cornerstone task in the next few weeks to review the changes and acknowledge the SOP change log.

	Plant No. 1	Plant No. 2	Agency Wide	Industry Average
Total Recordable Incident Rate (TRIR)	1.62	2.33	1.78	3.30
Days Away, Restricted, or Transfer (DART)	1.16	1.55	1.25	2.20
Days Since Last Recordable (TRIR) Case	42	14		
Days Since Last DART Case	42	14		
Hours Worked	865,562	257,665	1,123,227	

	Monthly	YTD
Safety Permits Issued	76	905
Industrial Hygiene Samples Collected	7	165
Safety Training Completed		100.0%
Ergonomic Self Assessments Completed		100.0%
Safety/Ergonomic Requests	4	37
Ergonomic Evaluations/Audits	8	19
Emergency Exercises/Drills	0	1
Inspections (Plant, Office, Lab, Waste)	19	192
Third-Party Audits and Inspections	0	3
Contractor Incidents Reports	10	143



1/19/22

Flyer

INTERNAL PROJECTS

Board Member Outreach

2022

Board of Directors' GUIDE TO BUSINESS



Board Member Book

ORANGE COUNTY SANITATION DISTRICT BOARD MEMBER TALKING POINTS

May 2022

New Board Chairman Selected

Chad Wanke from the City of Placentia has been selected as the OC San Board Chair for fiscal year 2022-2023. He will complete his term as Vice-Chair on June 30 and commence his new role on July 1. Wanke has been part of the OC San Board since 2014 and been a member of the Operations, Administration, Legislative and Public Affairs, and Steering Committees. The new Vice-Chair will be selected at the June Board Meeting and will take effect on July 1.

General Manager Presents Proposed Work Plan for Fiscal Year 2022-2023

General Manager Jim Herberg presented his proposed work plan for the upcoming fiscal year. The plan includes 17 goals that help support the recently adopted Strategic Plan. The goals range from completing a rate study, an urban runoff optimization study, collaborating with the member agencies on inflow and infiltration issues, to creating an industrial users award program. The final plan will be presented to the Board for adoption next month for implementation July 1.

OC San Sewer Construction

Anaheim/Buena Park/Cypress

The [Orange-Western Trunk Sewer Project](#) continues with line cleaning and chemical grouting at night during low flow. Over the next couple of weeks, day work will begin for pipeline and manhole replacement along Western Avenue at Lincoln Avenue and Orange Avenue. These activities will be ongoing through summer. Prior to the pipe work, potholing will occur to check for utilities.

Los Alamitos/Seal Beach

The [Los Alamitos Trunk Sewer Project](#) continues with line cleaning on southbound Los Alamitos Blvd. With schools out for summer soon, construction will begin on Oak Street to replace several manholes. In preparation for that, potholing to check for utilities will occur over the next few weeks.

Westminster/Seal Beach

Progress continues on the [Westminster Blvd. Sewer Project](#). Night work in the intersection of Westminster Boulevard and Bolsa Chica Road in the City of Westminster is about 75 percent complete and will continue for another 3 to 4 weeks. This work is being done at night to minimize traffic impacts through the busy intersection. Slip-lining over 3,000 feet of new 36-inch diameter pipeline is expected to be completed this month, with the construction of all other associated efforts and vaults to follow.

Fountain Valley

Structural steel has begun to go up for the new [Headquarters building](#) across the street from Plant No. 1. The mass timber is in transit from Ontario, Canada and will arrive on site in June. In addition to the construction, the project team is working on procurements for the fixtures, furniture, and equipment; and A/V. The team is also in the preliminary stages of developing a move-in plan for staff to transition into the new building.

Question can be directed to the OC San Construction Hotline at 714.378.2965 or via email at ConstructionHotline@ocsan.gov.



10844 Ellis Avenue Fountain Valley, CA 92708 • 714.962.2411

Board Member Talking Points



BRANDING

BRANDING

Corporate Identity



OC San Polo Shirt



Lapel Pin

BRANDING

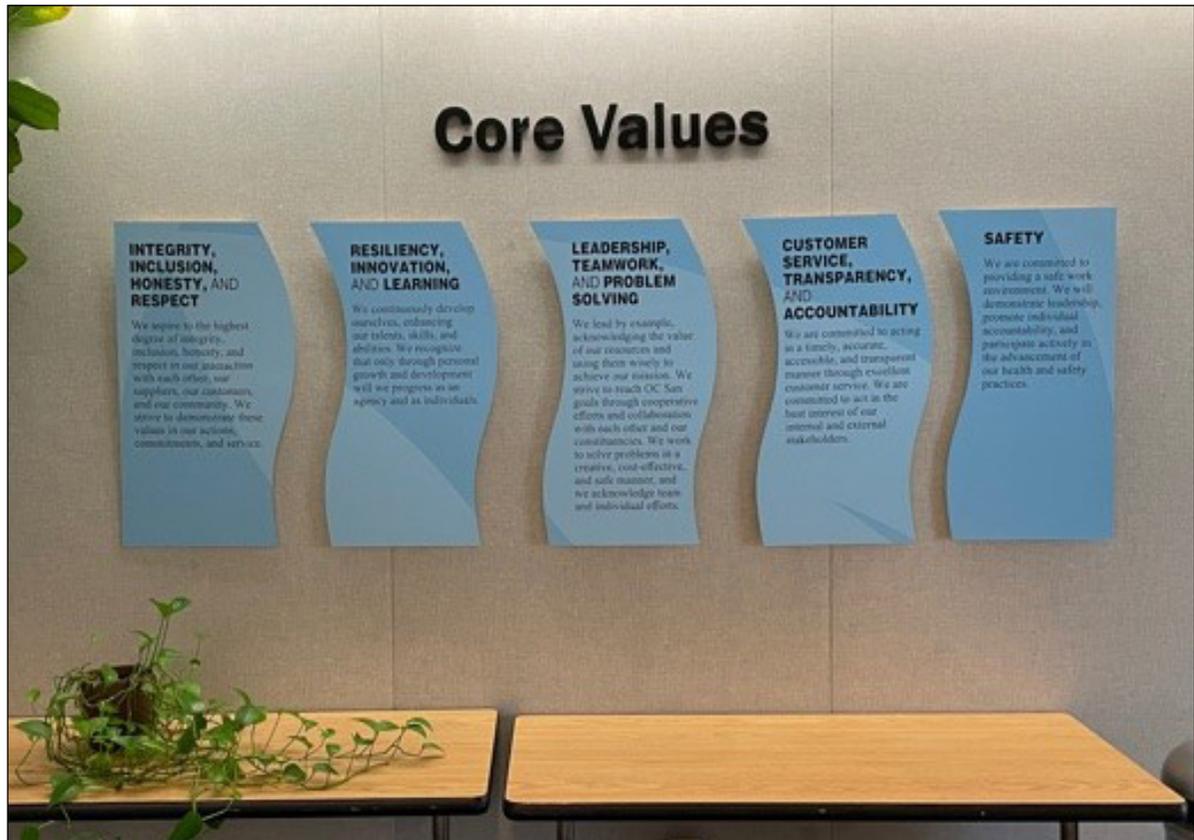
Corporate Identity



Podium Logo

BRANDING

Corporate Identity



Core Values Posters in Board Room

BRANDING

Corporate Identity



Plant No. 1 Administration Lobby



Plant No. 2 Operations Center Lobby

BRANDING

Corporate Identity



Plant No. 1 Security Booth Signage



Plant No. 1 Welcome Signage

BRANDING Signage



Light Pole Banners

BRANDING Signage



Headquarters Construction Fence Graphics

BRANDING

Employee Communication

MISSION

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

VISION

- Providing reliable, responsive and affordable services in line with customer needs and expectations.
- Protecting public health and the environment utilizing all practical and effective means for wastewater, energy, and solids resource recovery.
- Continually seeking efficiencies to ensure that the public’s money is wisely spent.

- Communicating our mission and strategies with those we serve and all other stakeholders.
- Partnering with others to benefit our customers, this region, and our industry.
- Creating the best possible workforce in terms of safety, productivity, customer service, and training.

CORE VALUES

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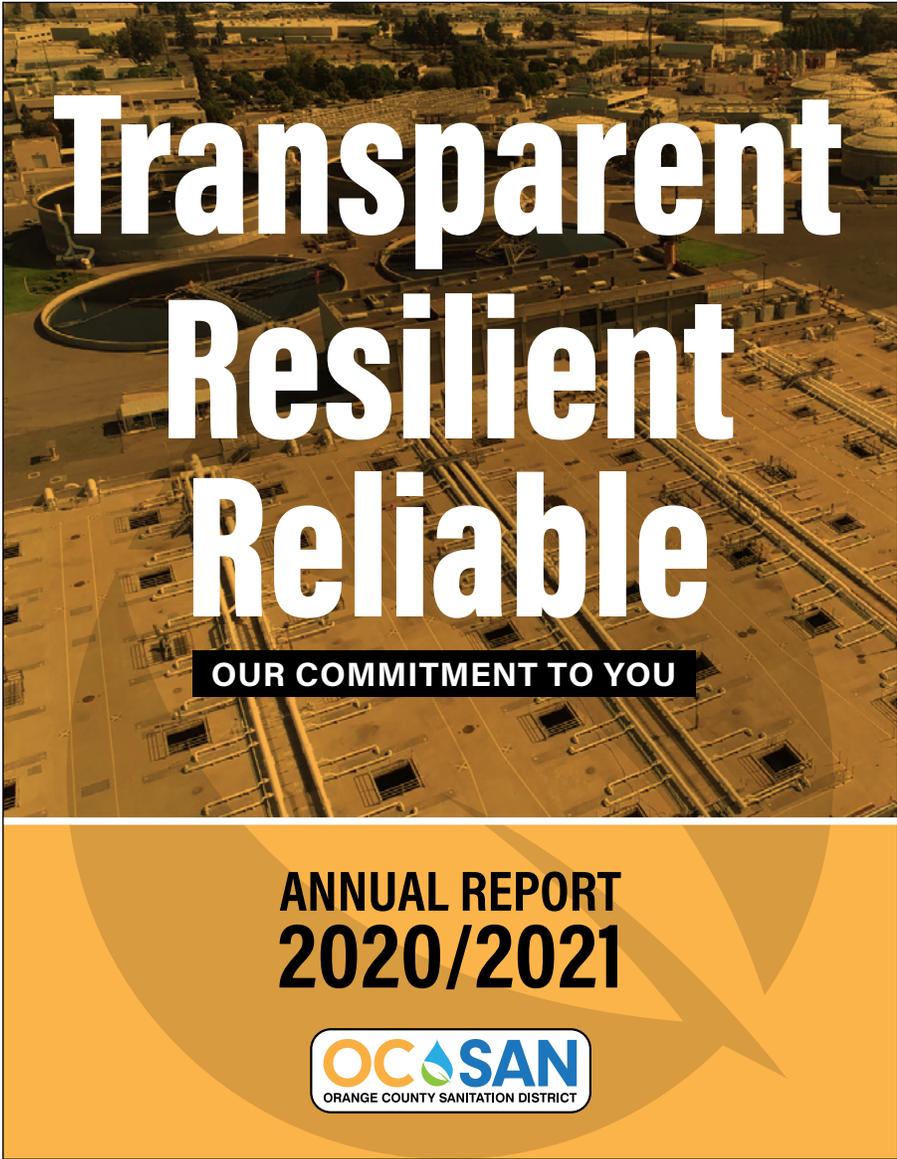
Orange County Sanitation District, 2022

Mission, Vision and Core Values Posters



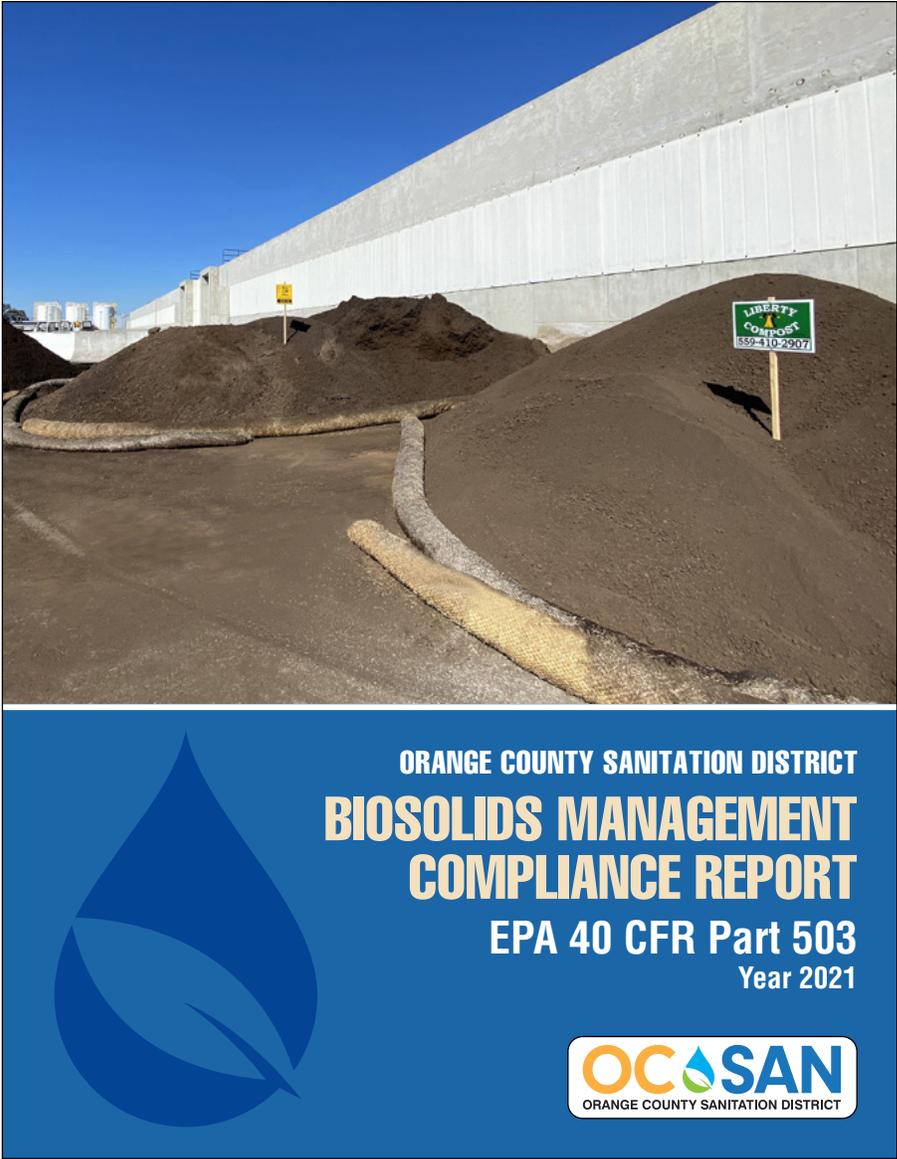
REPORTS

REPORTS



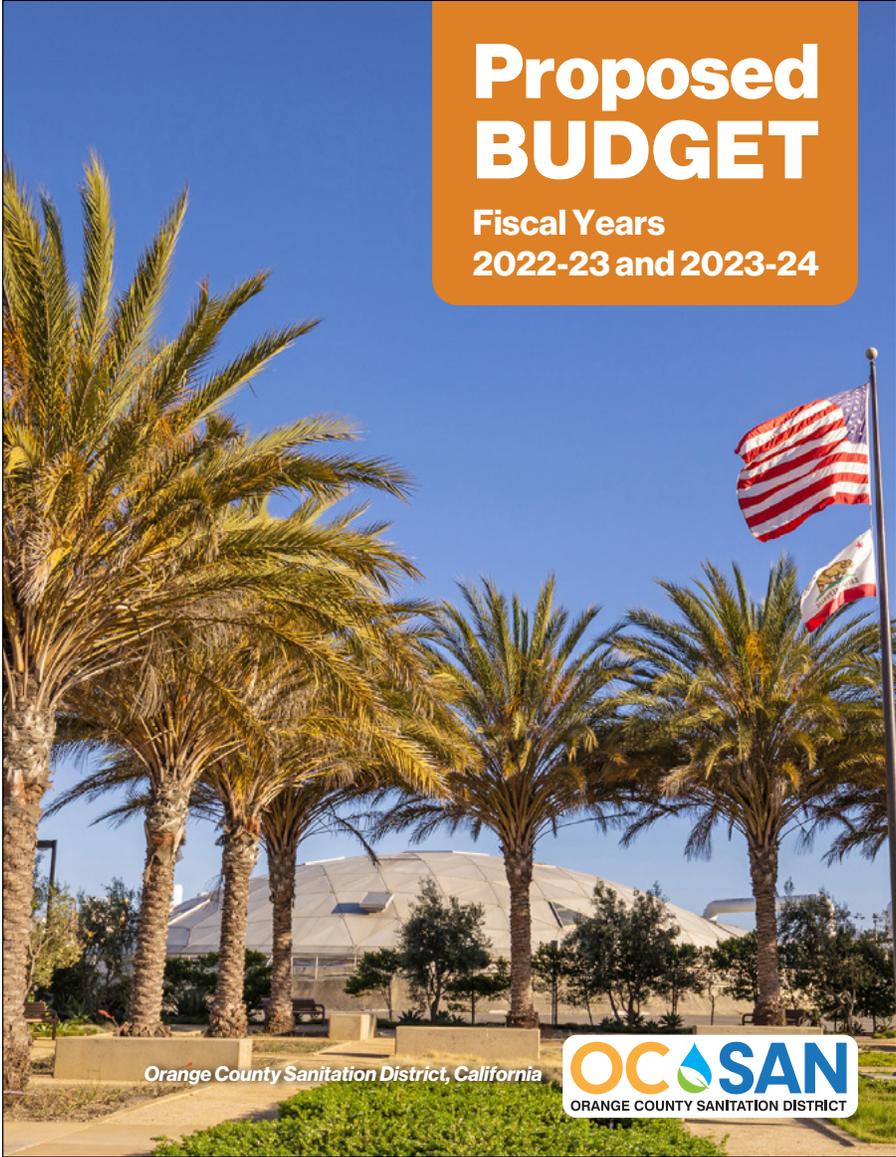
Annual Report Design

REPORTS



Biosolids Report Cover Design

REPORTS



Budget Update Design

REPORTS



CIP Annual Report Design

REPORTS



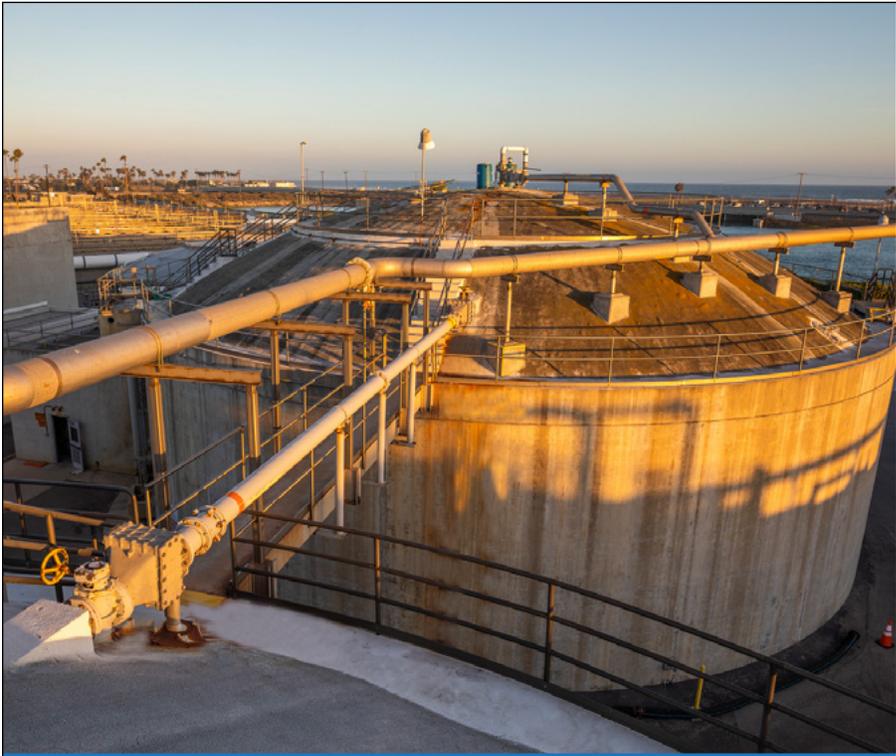
Orange County Sanitation District
**Annual Comprehensive
Financial Report**
for the year ended June 30, 2021

Orange County, California



Financial Report Cover Design

REPORTS



Orange County Sanitation District

First Quarter Financial Report

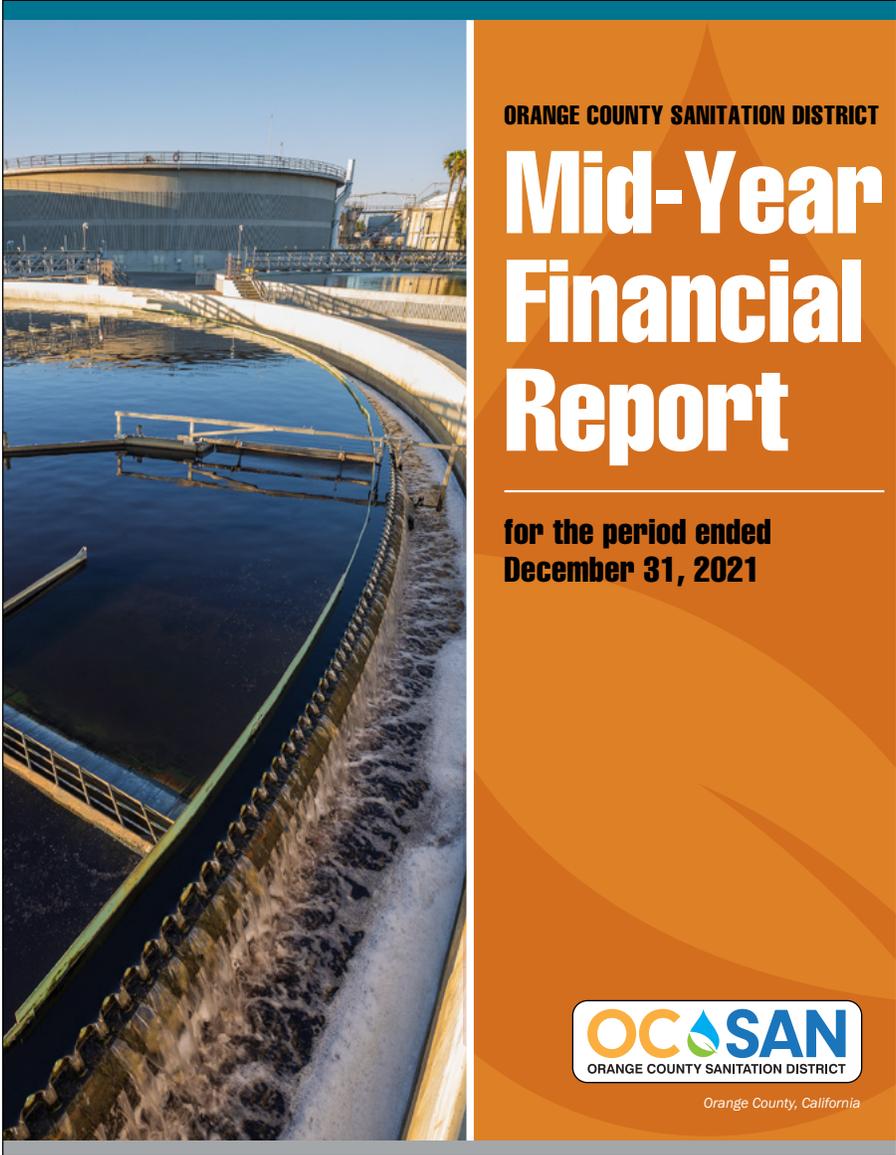
for the period ended September 30, 2021

Orange County, California



Financial Report Cover Design

REPORTS



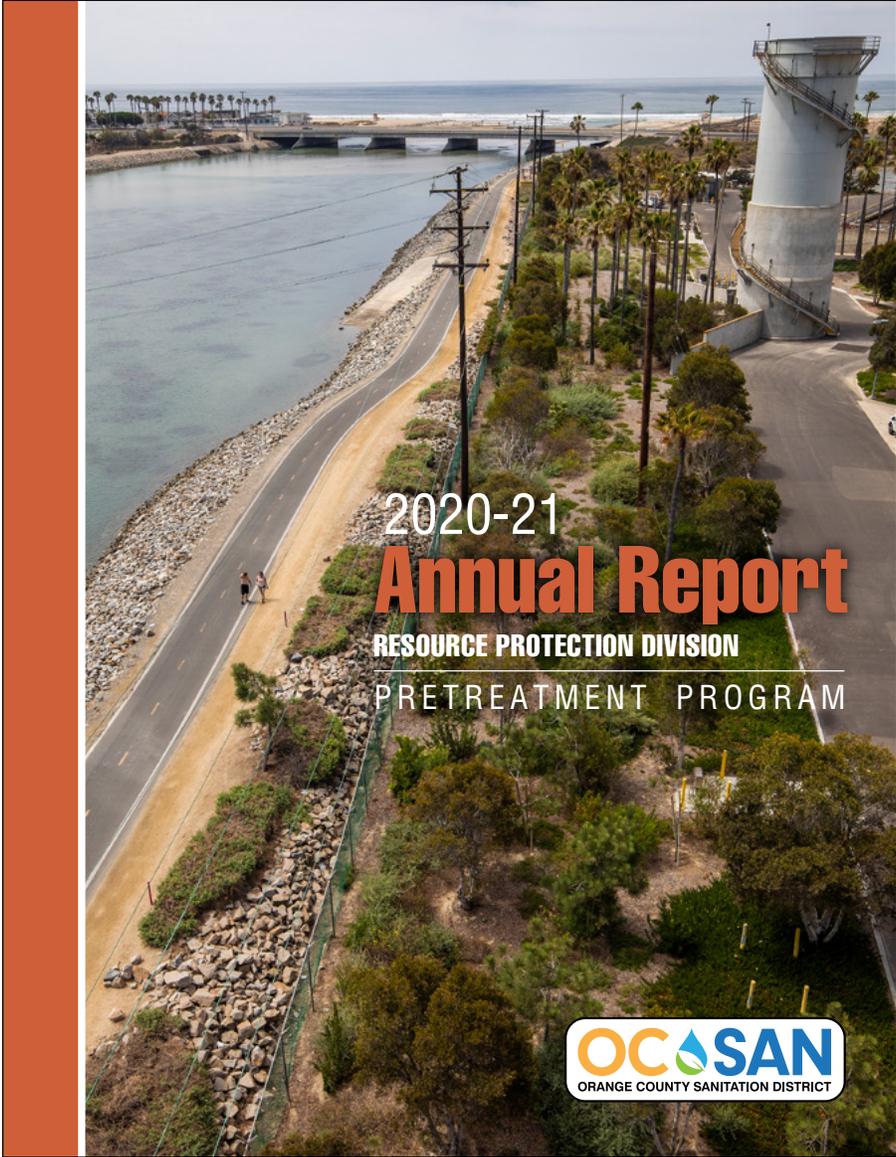
Financial Report Cover Design

REPORTS



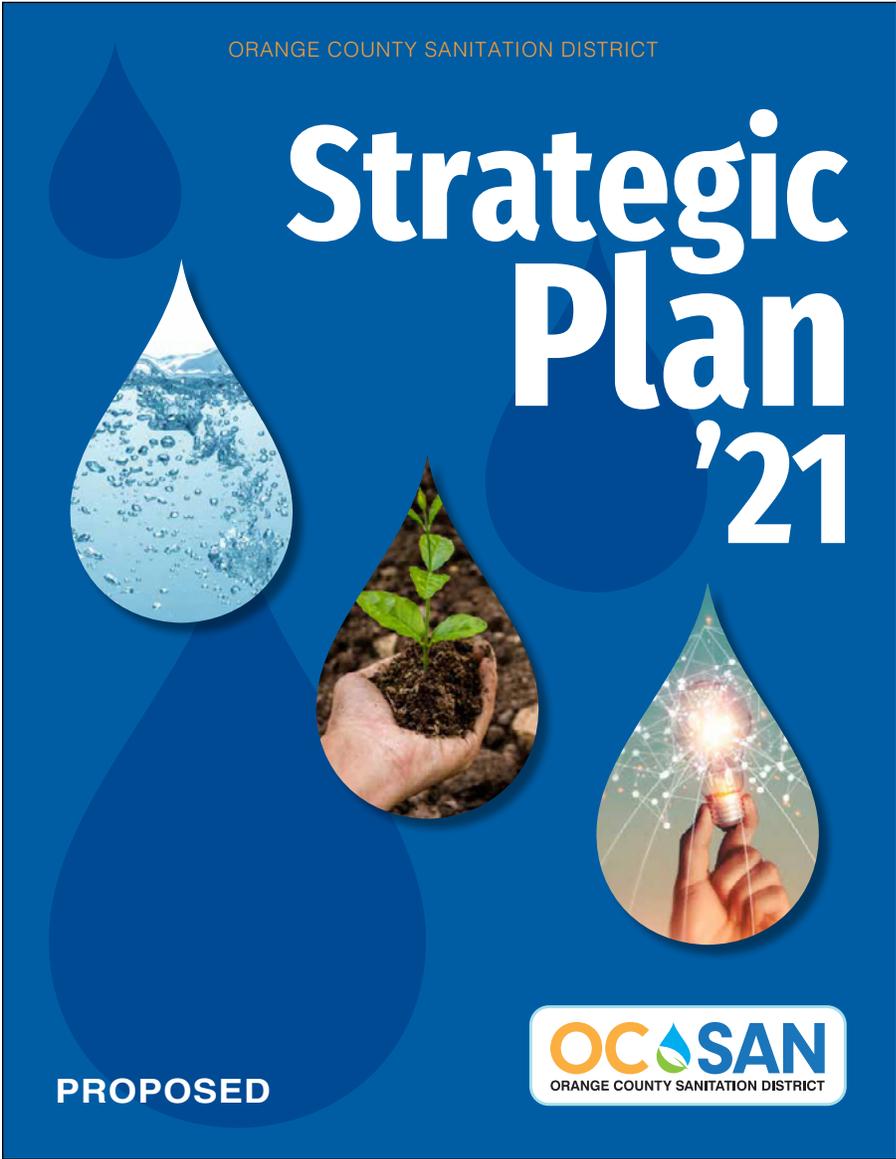
Asset Management Plan Cover Design

REPORTS



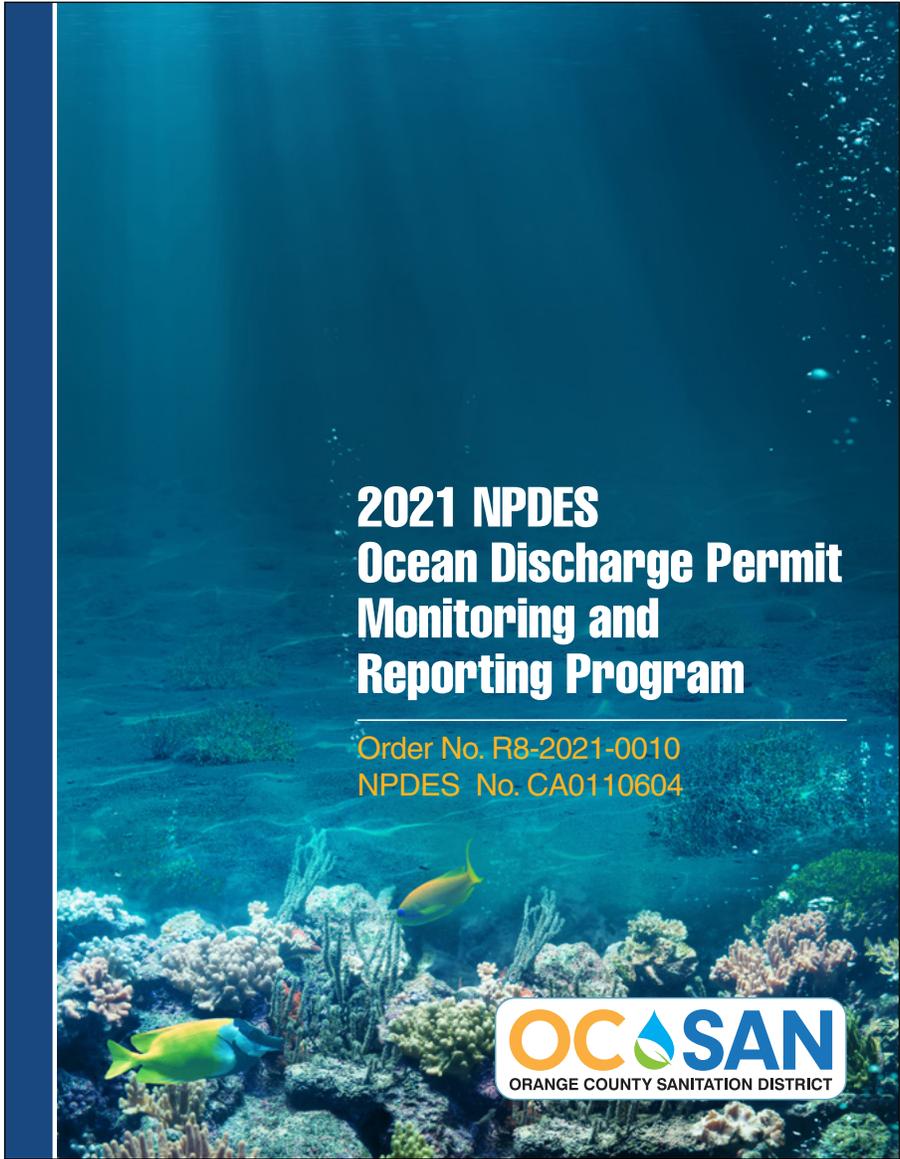
Resource Protection
Annual Report Cover Design

REPORTS



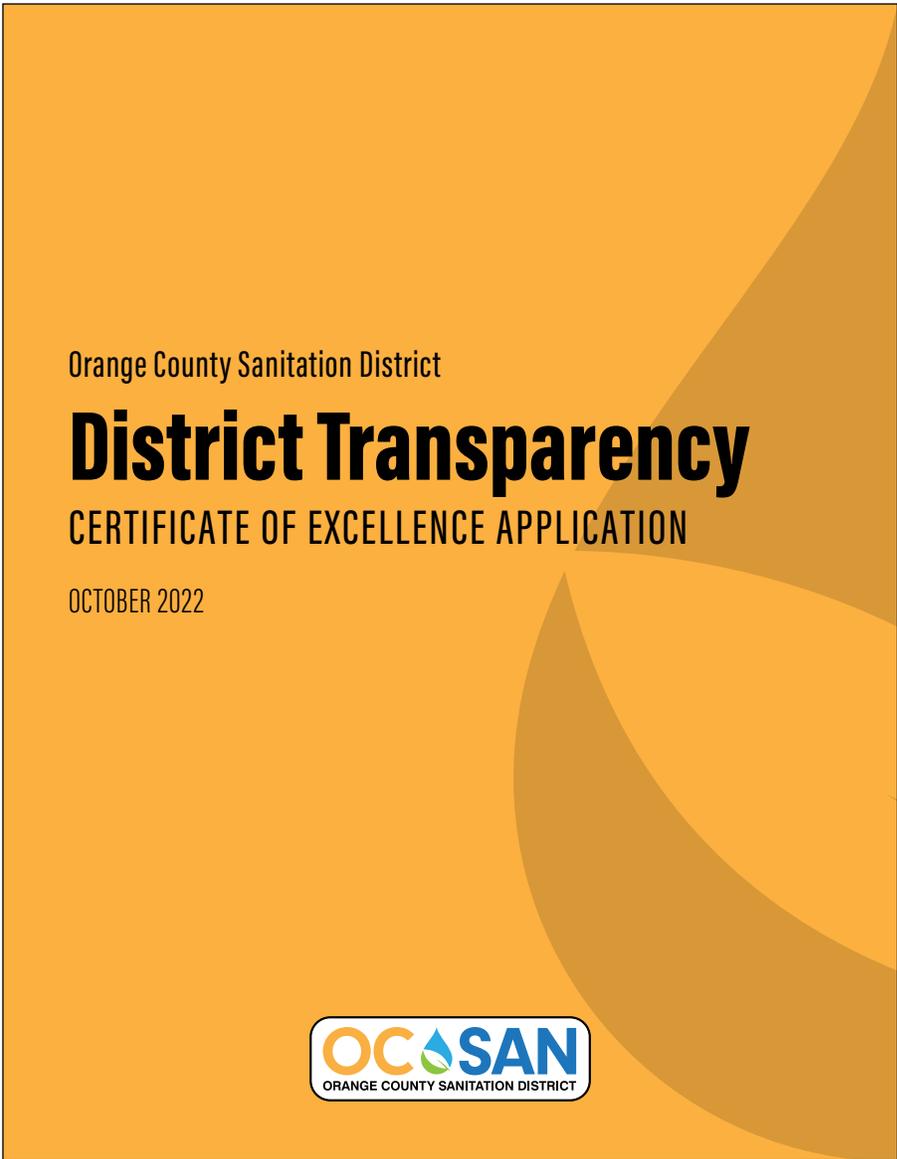
Strategic Plan Cover Design

REPORTS



Ocean Discharge Permit Cover Design

REPORTS



District Transparency Cover Design



LEGISLATIVE



LEGISLATIVE Funding Request Flyer

OC San Construction Projects

SUPERCRITICAL WATER OXIDATION RESEARCH PROJECT

As a leader in protecting the public health and environment, OC San is continuously looking to innovate its treatment methods. This includes new treatment methods that address constituents of emerging concern such as PFAS. As part of this effort, OC San is partnering with 374Water Systems Inc. (374Water) in a new technology that treats biosolids, a byproduct of the wastewater treatment process.

- Every day, OC San collects and processes more than 180 million gallons of wastewater resulting in concentrated solids called sludge and scum that can be turned into methane-rich renewable gas and biosolids that provide multiple beneficial uses.
- In an effort to address contamination and treatment concerns of PFAS in wastewater, OC San will partner with 374Water to build a six-ton-per-day demonstration project called AirSCWO Nix6.
- This process uses water at a high temperature and pressure to oxidize complex compound materials into more basic and benign compounds.
- Once built, AirSCWO Nix6 can provide opportunities to solve other challenges facing OC San, including:
 - ◆ Costs of solids processing
 - ◆ Air emission requirements for methane and power generation equipment
 - ◆ Treatment of emerging contaminants such as PFAS compounds
 - ◆ Treatment of microplastics
 - ◆ Food waste utilization
 - ◆ Efficient use of OC San's treatment plant properties and
 - ◆ Enhance solids recovery
- OC San's project cost is estimated at \$6,890,000.
- Project Construction will take place from August 2022 – September 2022.

www.ocsan.gov
Twitter: @OCSanDistrict
Facebook: www.facebook.com/OCSanDistrict
Phone: 714.962.2411



10844 Ellis Ave., Fountain Valley, CA 92708

01/2022

Community Funding Requests
(Federal)

LEGISLATIVE Funding Request Flyer

OC San Construction Projects

Maintaining System Reliability Through Rehabilitation

The project will build a new Headworks facilities in order to rehabilitate and replace aging infrastructure at OC San's Plant No. 1 in Fountain Valley. The goal of this project is to strengthen the reliability of the infrastructure, increase the lifespan of critical assets and improve plant-wide operations and services.

- ◆ Headworks is part of the Preliminary Process, removing organics, sanitary products and other large materials before wastewater can be treated for reuse.
- ◆ This project will increase efficiency, reduce possible odors and enhance reliability enabling OC San to continue with efficient wastewater treatment.
- ◆ Improves electrical reliability providing for fewer power disruptions, increased safety and reduces the possibility of loss of service.
- ◆ Project construction: summer 2021 - winter 2028.
- ◆ Project requires an investment of \$222.3 million for construction.



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OC SAN
ORANGE COUNTY SANITATION DISTRICT

10844 Ellis Ave., Fountain Valley, CA 92708

03/2021

Community Funding Requests
(Federal)

LEGISLATIVE Funding Request Flyer

OC San Construction Projects

Water Treatment Upgrades

As part of our rehabilitation efforts, this project will replace four existing primary clarifiers. The new primary clarifiers will have flat covers instead of the dome shape and will allow for much needed improvements including enhanced odor control which reaffirms our commitment to our neighbors and relocation of clarifiers off of any known existing fault lines.

- ◆ The clarifiers are the first step in the Primary Treatment process where solids settle and then are removed as part of the wastewater process, removing 80 percent of solids in the water. From there, the water proceeds to the secondary stage of treatment.
- ◆ Current clarifiers were constructed in the 1960s and have reached the end of its lifecycle.
- ◆ Project construction will also include new sludge pump stations, odor control system, power building, and associated piping.
- ◆ Project construction: summer 2021 - winter 2026.
- ◆ Project requires an investment of \$118 million for construction.



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03/2021

10844 Ellis Ave., Fountain Valley, CA 92708

Community Funding Requests
(Federal)

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PUBLIC AFFAIRS OFFICE

10844 Ellis Avenue | Fountain Valley, CA 92708

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