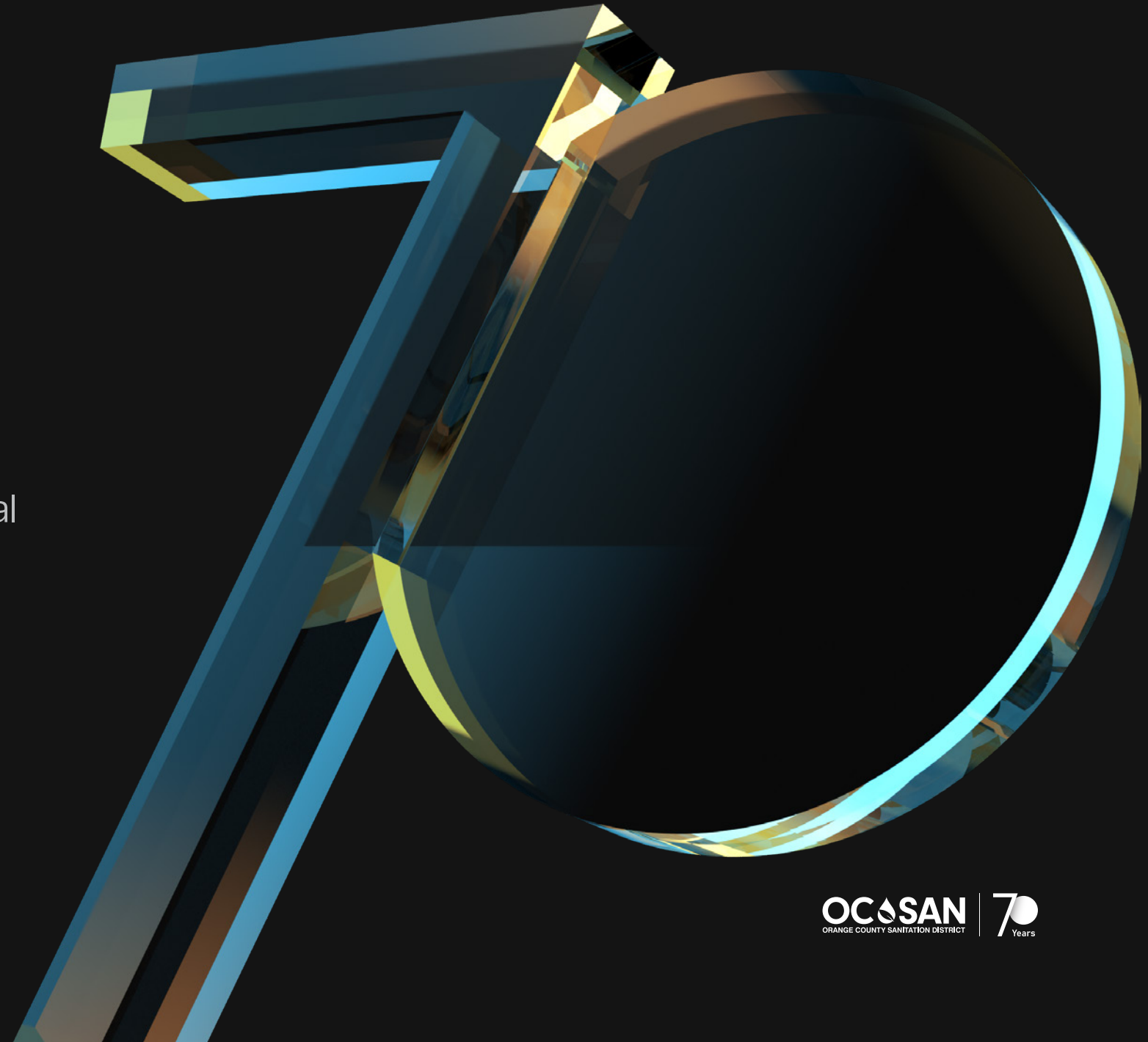


Orange County Sanitation District

ANNUAL  
REPORT  
**2023/24**

70 Years of  
Environmental  
Excellence





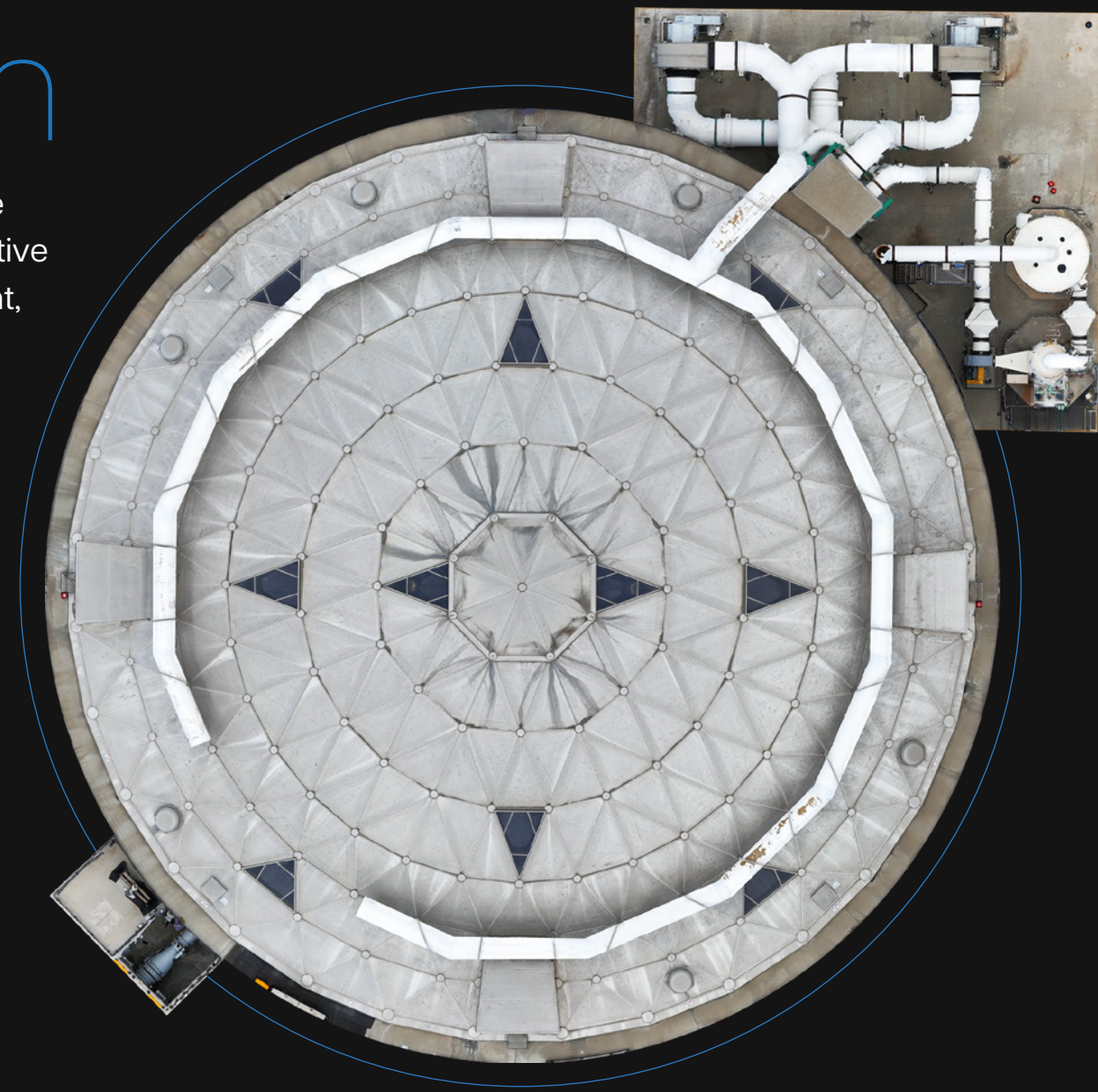


# Who We Are

The Orange County Sanitation District (OC San) is responsible for collection, treatment, and recycling of wastewater for the northern and central portion of Orange County, California. The wastewater from OC San's service area travels through 388 miles of regional sewers to one of two reclamation facilities, Plant No. 1 in Fountain Valley and Plant No. 2 in Huntington Beach. Together, both plants process approximately 190 million gallons per day of wastewater for 2.6 million people.

# Our Mission

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





# Our Vision

Orange County Sanitation District Will Be A Leader In:



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.

Clarifier at Plant No. 1 in Fountain Valley (1963).



# Board of Directors

CITIES	ACTIVE DIRECTOR
Anaheim	Stephen Faessel
Brea	Christine Marick
Buena Park	Joyce Ahn
Cypress	Scott Minikus
Fountain Valley	Glenn Grandis
Fullerton	Bruce Whitaker
Garden Grove	Stephanie Klopfenstein
Huntington Beach	Pat Burns
Irvine	Farrah N. Khan
La Habra	Rose Espinoza
La Palma	Debbie Baker
Los Alamitos	Jordan Nefulda
Newport Beach	Brad Avery
Orange	Jon Dumitru (Vice-Chairman)
Placentia	Chad Wanke
Santa Ana	Johnathan Ryan Hernandez
Seal Beach	Schelly Sustarsic
Stanton	David Shawver
Tustin	Ryan Gallagher (Chairman)
Villa Park	Robbie Pitts

AGENCIES	ACTIVE DIRECTOR
Costa Mesa Sanitary District	Robert Ooten
Midway City Sanitary District	Andrew Nguyen
Irvine Ranch Water District	John Withers
Yorba Linda Water District	Phil Hawkins
Member of the Board of Supervisors	Doug Chaffee

# Executive Management Team



- ROB THOMPSON**  
General Manager
- LORENZO TYNER**  
Assistant General Manager
- MIKE DORMAN**  
Director of Engineering
- LAURA MARAVILLA**  
Director of Human Resources
- RIAZ MOINUDDIN**  
Director of Operations and Maintenance
- WALLY RITCHIE**  
Director of Finance
- LAN WIBORG**  
Director of Environmental Services
- JENNIFER CABRAL**  
Director of Communications

(From left) Wally Ritchie, Lan Wiborg, Lorenzo Tyner, Rob Thompson, Riaz Moinuddin, Laura Maravilla, Mike Dorman, Jennifer Cabral.





# A Message From The General Manager

Through our 70-year history, the Orange County Sanitation District (OC San) has diligently worked to transform our wastewater treatment plants into resource recovery facilities, utilizing every aspect of the wastewater treatment process for collecting, treating, and recycling.

Our history is extensive, starting in 1921 with the formation of the Joint Outfall Sewers (JOS) to OC San's history-making moment in 1954, when the County Sanitation Districts of Orange County was created and officially took over the duties of the JOS. This one decision put OC San on the path toward becoming what it is today—the sixth-largest regional wastewater agency in the country providing wastewater collection, treatment, and recycling for 2.6 million people in central and northern Orange County, California.

The next 70 years did not disappoint; they were full of hurdles, challenges, and, most of all, exciting advancements. 2020 was a pivotal year in our history. We seized the opportunity to rebrand from OCSD to OC San, a name that better reflects who we are: a true resource recovery agency committed to reusing all byproducts of the wastewater treatment process.

Today, OC San's wastewater collection facilities include 388 miles of sewer pipelines, 15 pump stations, and two 100-acre reclamation facilities located in Huntington Beach and Fountain Valley.

Every drop of treated water that can be recycled is made available to our partner, the Orange County Water District, for the Groundwater Replenishment System (GWRS). This world-renowned system utilizes advanced processes to treat the water, creating a new, reliable, high-quality source of water for one million people.

This year, the long-awaited completion of the new Headquarters took place in the spring, bringing together OC San staff from nine different office locations across Plant No. 1 in Fountain Valley into one state-of-the-art building. The new facility, located across the street from our Plant No. 1, incorporates sustainable elements such as mass timber construction and solar energy, reflecting our commitment to environmental stewardship. A 220-foot pedestrian sky bridge, the first open-air pedestrian bridge in Fountain Valley, connects the Headquarters to the Plant, further enhancing accessibility and operational efficiency.

This long history of achievement, success, and growth is due to our committed and dedicated workforce and our Board of Directors who set the policy that guide us to provide the service our ratepayers have come to know and expect.

Regards,

A handwritten signature in black ink, appearing to read "Rob Thompson". The signature is fluid and cursive, written over a white background.

**Rob Thompson**  
OC San General Manager



# Surpassing the Standard

## OC Beaches Ranked Amongst Best in State

At OC San, ensuring the safety and cleanliness of our beaches for both the public and the abundant marine life that inhabit our coastal waters is one of our top priorities. For over 40 years, we've maintained an extensive tri-phase ocean monitoring program. The program includes marine life, sediment quality, and water quality, including more than 200 square miles surrounding OC San's five-mile ocean outfall, which lies 200 feet deep on the ocean floor. We also sample along 21 miles of shoreline to protect beachgoers.

Beach Sampling in Huntington Beach.



Heal the Bay

### Report Card



Summer Dry Weather  
**95% of Beaches  
Grade: A & B**



Winter Dry Weather  
**91% of Beaches  
Grade: A & B**



Wet Weather  
**89% of Beaches  
Grade: A & B**

Our efforts paid off again in 2023-2024, with Orange County beaches receiving top rankings in the Annual Heal the Bay Report Card. With 95 percent of beaches earning A and B grades during the summer dry season, 91 percent during the winter dry season, and 89 percent during the wet weather season, OC beaches outperformed state averages. Nine of the twelve beaches listed on the prestigious honor roll, which recognizes zero bacterial exceedances all year, are located in Orange County. These high marks reflect OC San's commitment to protecting ocean water quality and the success of our dry weather urban runoff diversion program.





# Preventing Pollution

## OC San Manages Dry Weather Urban Runoff

OC San's Dry Weather Urban Runoff (DWUR) program protects the environment from contaminants such as pesticides and bacteria. Under stringent regulations, OC San accepts runoff that would otherwise flow into creeks, rivers, and the ocean. Once in our system, DWUR is treated and either reclaimed or safely released into the ocean.

In the 2023-2024 fiscal year, OC San received an estimated daily average of 2.81 million gallons of DWUR. 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 discharges to ensure discharge limit compliance with the various regulated constituents.

By continuing to monitor and expand our DWUR program, OC San demonstrates its commitment to safeguarding the environment, public health, and water reclamation.



# Safety Spotlight

## OC San Receives Cal/VPP Star Certification

The health and safety of OC San employees are crucial to the success of our operations. This year, OC San was a proud recipient of the Cal/VPP Star Certification for our Reclamation Plant No. 1 in Fountain Valley under the State of California Occupational Safety and Health Administration (Cal/OSHA's) Voluntary Protection Program (VPP). This recognition, the highest level available, reflects OC San's commitment to superior safety and health management.

The VPP program acknowledges workplaces with outstanding safety systems and promotes them as industry models. To qualify for this prestigious award, OC San underwent rigorous audits and met stringent performance-based Cal/OSHA standards. This achievement underscores OC San's dedication to safety and reinforces our goal of promoting a healthy workplace for all.







# Empowering Future Environmental Stewards

OC San's Dedication to  
Youth Education





This year, OC San proudly participated in the 27th Annual Children's Water Education Festival at the University of California, Irvine, reaching 5,000 third, fourth, and fifth graders from across the county. Our team offered engaging presentations and activities on the What2Flush program and the complexities of the wastewater system, helping students grasp OC San's efforts to protect public health and the environment.

Part of our commitment to protecting public health and the environment is nurturing new stewards in our community. OC San's virtual Wastewater 101 Citizens Academy fosters environmental stewardship by offering the community an opportunity to delve into the world of wastewater. Through four two-hour workshops over eight weeks, the Wastewater 101 Citizens Academy aims to educate the public on OC San's treatment processes, Capital Improvement Program, and environmental initiatives. Attendees have the opportunity to tour our plants and pump stations, and academy graduates are honored with an official certificate of completion at an OC San Board Meeting.

With four Wastewater 101 Citizens Academies under our belt, the academy has been a resounding success, producing over 50 graduates who are well-equipped to share our mission with the surrounding community. We look forward to creating more wastewater ambassadors at our upcoming academy scheduled for spring 2025.



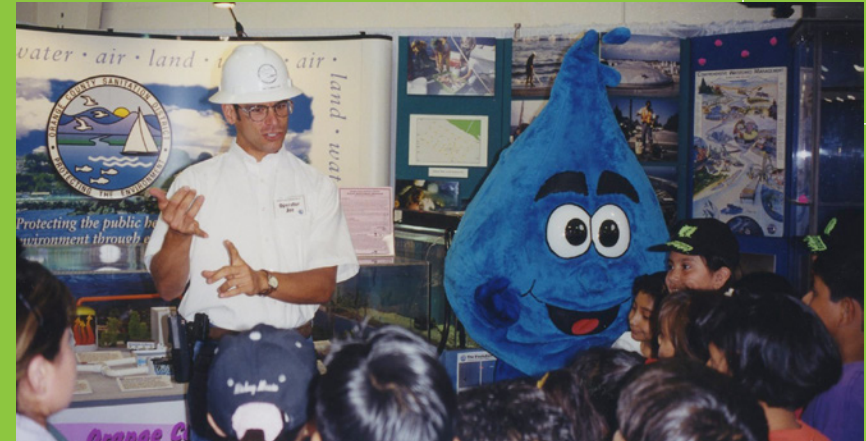
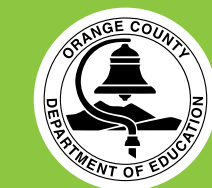




In collaboration with the Heritage Museum of Orange County, OC San has included messaging into their tour program that allows our agency access to educate large groups of children about wastewater treatment and What2Flush. This initiative, which began with virtual sessions and now includes in-person opportunities, reaches more than 9,000 participants in a fiscal year.

Moreover, through a partnership with Inside the Outdoors and the Orange County Department of Education, we've introduced an environmental education program targeting students in middle school and high school. This program has reached 1,270 students across 46 sessions in schools within our service area.

It is our goal to nurture a deep sense of environmental responsibility and encourage sustainable practices. By highlighting the critical role of sanitation in a healthy ecosystem, we're shaping a generation of environmentally aware and proactive young citizens.



OC San staff and the Clean Water Willy mascot teaching kids about What2Flush (1994).



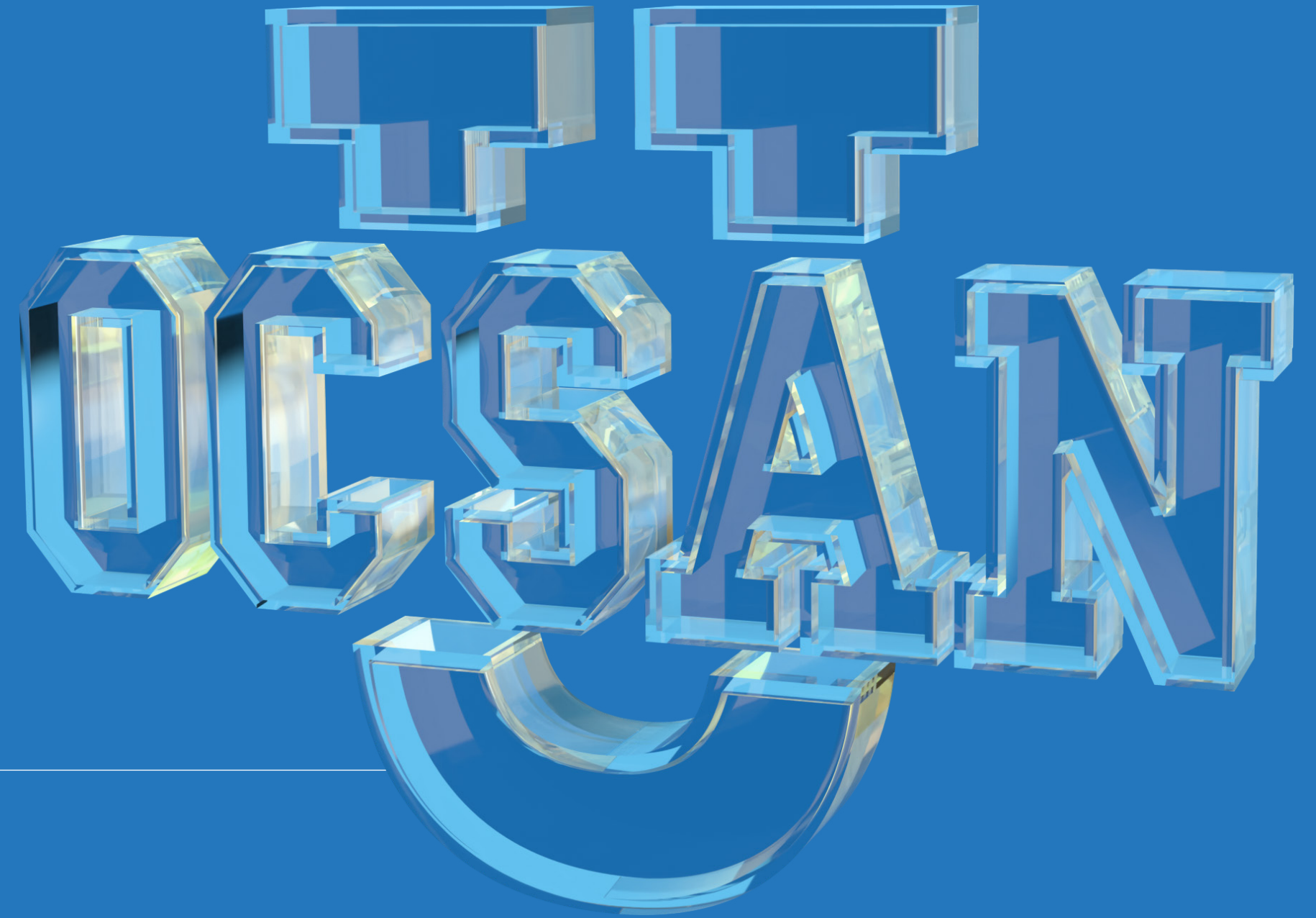
# Creating a Culture of Education

Now in its fourth year, the internal OC San “University” offers employees in-person and online courses to enhance their skills. In the past year, a total of 12 sessions were held with an average attendance of 60 employees per session. These sessions cover a diverse range of topics encompassing leadership, technology, communications, and organizational awareness. New topics are offered each year based on employee interest.

OC San continued to extend select course seats to interested member agency employees for a second year. Thus far we’ve had participants from more than 11 agencies. OC San also offers mentoring, focused leadership training, and on-demand courses to participants.



Apprenticeship program participants (1960's).





# Together Again

## OC San Completes State-of-the-Art Headquarters



In the spring of 2024, we celebrated the completion of OC San's new Headquarters with a ribbon-cutting ceremony to welcome staff and visitors.

The construction of the building was not just a project – it was a strategic initiative intended to shape the future of our agency. The process for building a Headquarters facility began about seven years ago, involving considerable thought and planning to address the current and future needs of OC San.



Administrative staff in front of newly completed administration offices (1964).



The state-of-the-art 109,000-square-foot, three story Headquarters is a pivotal step in bringing together our workforce of more than 300 dedicated professionals who have been dispersed across a sprawling 100-acres at OC San's Fountain Valley Plant. The consolidation of our office staff within a single building marks a significant leap forward in fostering collaboration and enhancing operational efficiency, while opening space for future wastewater treatment efforts.

Our new Headquarters is located across the street from our Plant and is connected by a 220-foot pedestrian sky bridge. This bridge is the first open-air pedestrian bridge in Fountain Valley.







The Headquarters incorporates many environmental components, including using the hot water from the reclamation plant for heating, net-zero energy, and LEED (Leadership in Energy and Environmental Design) Gold certification. The building design integrates the most environmentally friendly features and materials, including a hybrid of mass timber columns and decking combined with exposed steel-braced framing.



A new building represents more than just wood and steel; it symbolizes our commitment to **growth**, **progress**, and **excellence**. This building is a modern, purpose-built facility that will continue to move us forward as leaders in our industry.





# OC San Welcomes the Community

On June 8, 2024, OC San welcomed over 1,300 community members for an exclusive open house celebrating 70 years of environmental excellence. This event highlighted the hard work that goes into safely collecting, treating, disposing, and recycling over 190 million gallons of wastewater every day.

More than 700 attendees took guided tours of OC San's Plant No. 1, and all had the opportunity to explore our lab, learn about our many vehicles, including vactor trucks and cranes, and visit our rebuild shops. Each division set up interactive booths, showcasing their unique role in OC San's day-to-day operations. Guests enjoyed live performances from local school and community groups while cooling off with ice cream. Our member agencies and sister agencies also celebrated with us by hosting their own informational booths to provide resources to the community. Overall, our open house was a monumental success, allowing our friends, family, and community to see the essential work we do every day to protect public health and the environment.



Watch the event highlights!





# OC San Honors Responsible Wastewater Dischargers

To foster an environment of responsible dischargers and haulers, OC San has created a Pretreatment Honor Roll Program recognizing the positive environmental stewardship efforts by local businesses and haulers. The participants in the program must be permitted as a Class I Industrial Wastewater Discharger or Hauler.

Launched in the fall of 2022, this initiative identifies businesses and haulers that collaborate closely with us to ensure their contributions to our system are not only compliant but also environmentally safe. To qualify for this prestigious recognition, businesses must demonstrate their commitment to environmental excellence by:

- Diligently maintaining compliance with wastewater discharge permit limits and conditions.
- Empowering staff to promote a sense of regulatory responsibility.
- Dedicating resources to provide a supportive atmosphere that is conducive to maintaining an exceptional level of responsible waste and wastewater management.

Based on the years of participation, awardees are recognized by OC San with a bronze or silver certificate of achievement, along with a window decal they can proudly display at their place of business year after year recognizing their excellence in environmental compliance. Additionally, the awardees are invited to the annual State of OC San event. In future years, qualifying permittees will be eligible for the gold award level.



The inaugural program had 37 honorees. Last year, as the program grew, we honored over 40 participants. As the program advances, we aspire to elevate the levels of recognition further, emphasizing the importance of acknowledging businesses that not only serve the community but do so responsibly and in an environmentally conscious manner.



# OC San Continuing the Tradition of Excellence

As a dedicated resource recovery agency, OC San continuously transforms byproducts of the wastewater reclamation process into valuable assets that can sustain and power our operations. This commitment to resource recovery is seen in our utilization of a Central Power Generation System (CenGen) and through our Biosolids Program.

Through the CenGen facilities at each plant, we harness biogas – an essential byproduct of wastewater treatment – and transform it into useful electricity and heat. This renewable energy powers a significant portion of our facilities, enabling us to generate an impressive average of 8.1 million kilowatt hours of energy per month, enough to power approximately 12,600 homes. The benefits of this system are extensive: we conserve energy, reduce greenhouse gas emissions, and achieve annual savings of about \$5.7 million. OC San also utilizes a 4.9-megawatt, 32-megawatt-hour Tesla lithium-ion energy storage system during peak power periods, allowing Orange County customers greater access to power supply. This eliminates the need to operate a third central generator on natural gas during peak use periods, while also saving OC San ratepayers a minimum of \$300,000 annually.



Tesla lithium battery storage system at Plant No. 1 in Fountain Valley.



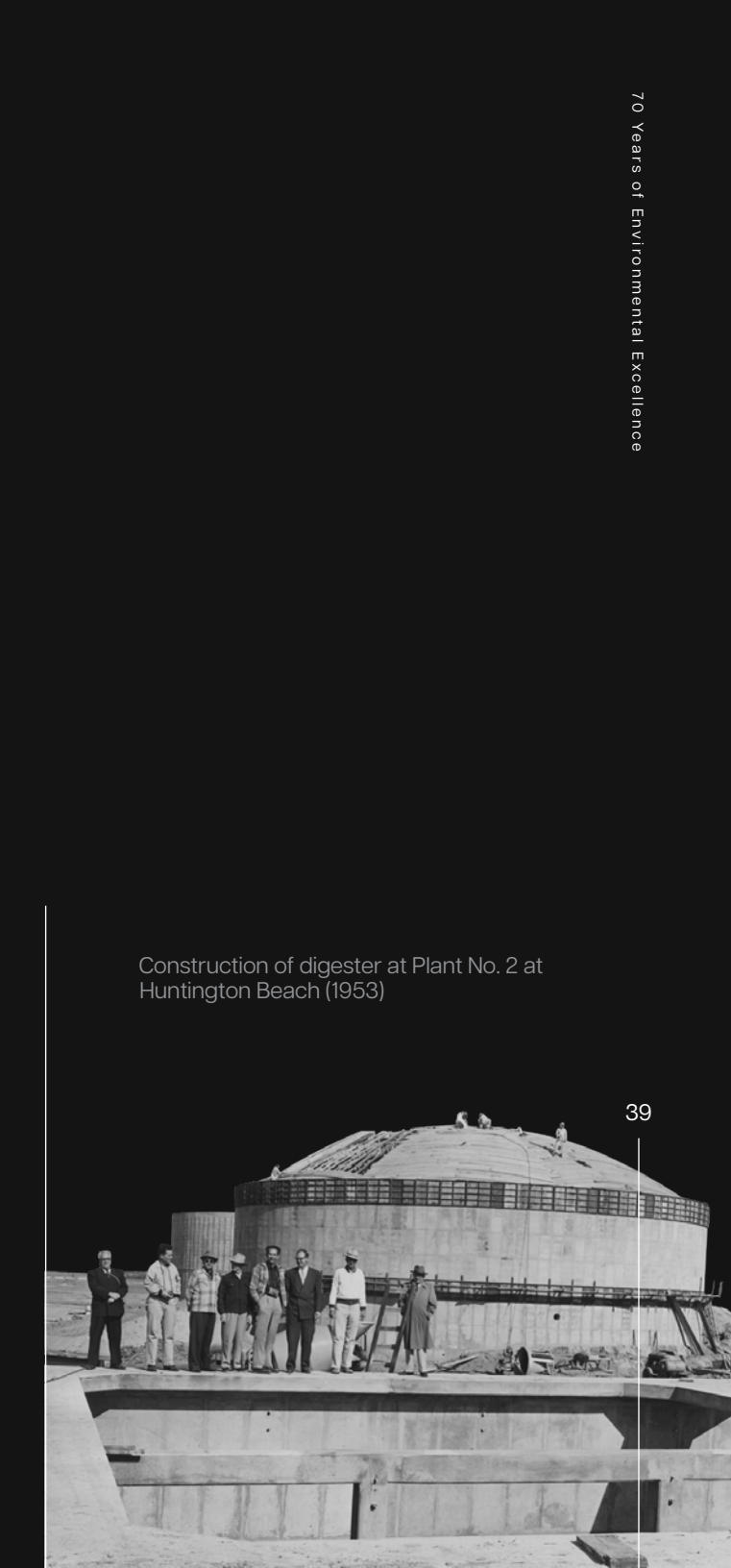
Installation of central generation engines at Plant No. 1.





OC San is able to further practice resource recovery through the use of biosolids. Biosolids are highly treated, nutrient-rich organic matter recovered from the wastewater treatment process. Each day, OC San produces over 500 tons of biosolids, which are then used as a soil amendment on farm fields or further processed through composting to create a consumer-grade soil amendment. These biosolids meet stringent local, state, and federal regulations and have been safely used for decades. Their beneficial application has been shown to create healthy soil, improve crop yields, and mitigate climate change through carbon sequestration.

OC San's commitment to resource recovery through renewable gas and biosolids not only fosters environmental stewardship and sustainability but transforms potential waste into valuable resources.



Construction of digester at Plant No. 2 at Huntington Beach (1953)



# OC San Looking Towards the Future

## OC San's Sustainability Efforts



As protectors of public health and the environment, OC San is always looking for innovative ways to improve or enhance our service. One area of particular focus is the processing of solids. Solids treatment and reuse is one of the most difficult and costly aspects of our operation. In addition, there are also developing concerns surrounding the presence of Per- and polyfluoroalkyl substances (PFAS) family of chemicals (forever chemicals) and microplastics in the biosolids we process for reuse in agriculture.

OC San is working on a new technology aimed at treating raw sludge or finished biosolids. This technology has the ability to improve energy conversion efficiency, reduce trucking volumes on our highways, and destroy forever chemicals and microplastics.

In partnership with 374 Water<sup>®</sup>, OC San is building a six-ton-per-day demonstration project called AirSCWO Nix6. This process uses water at a high temperature and pressure to oxidize and break down organic material and complex compound materials like PFAS and microplastics.

The pilot project is estimated to cost approximately \$8 million and is expected to be operational by fall 2025. If AirSCWO Nix6 proves successful, it may provide additional opportunities to solve challenges faced by other industries across California as well.



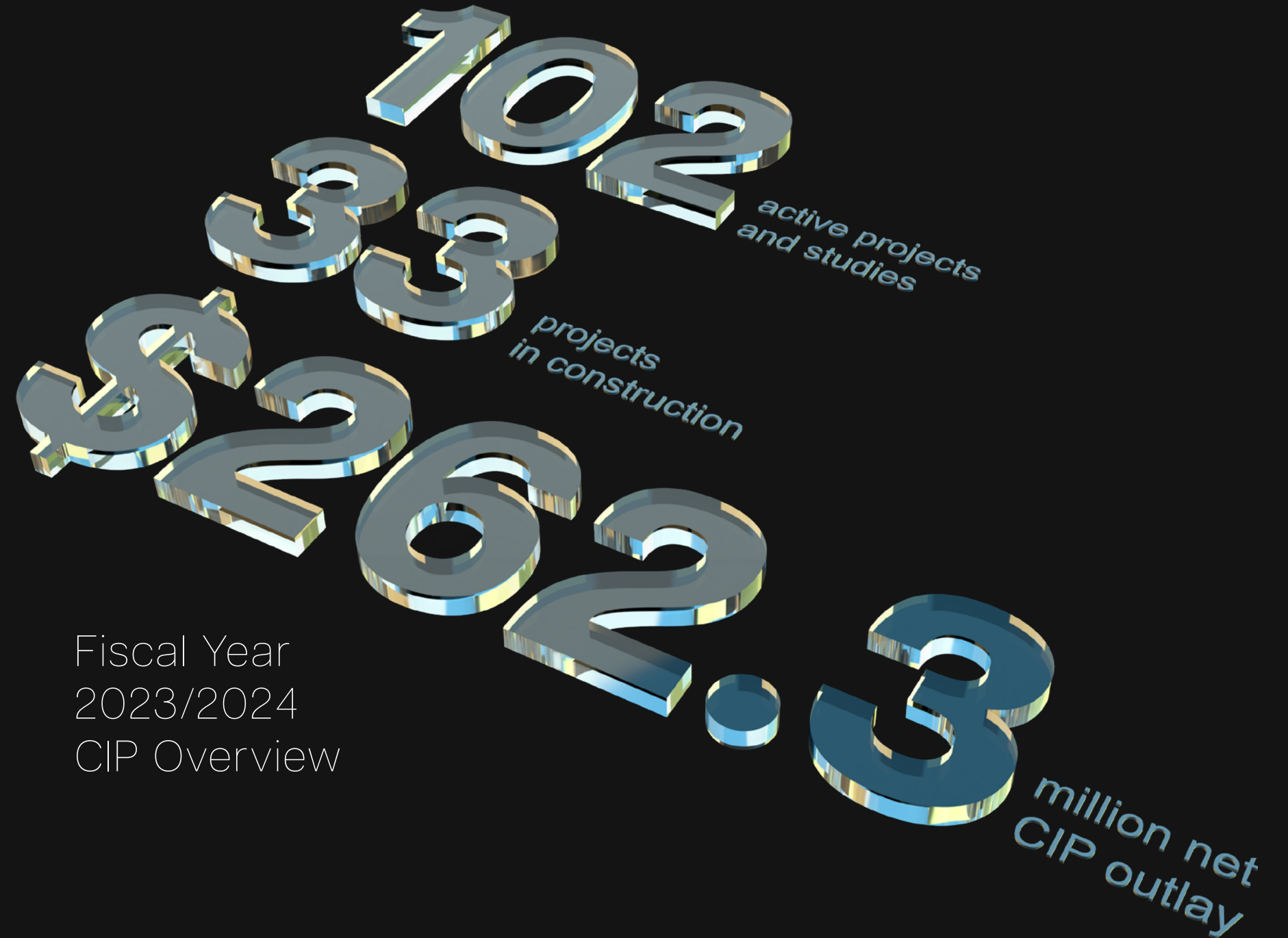
# OC San Delivering World Class Projects



OC San's Capital Improvement Program (CIP) is designed to ensure the long-term reliability and resilience of our infrastructure. Current CIP projects rehabilitate or replace aging facilities to maintain reliability, incorporate climate resiliency, mitigate seismic risk, and incorporate improved technologies to reduce operating costs or meet new regulatory requirements.

Projects vary in size and scope, and during the 2023-2024 fiscal year, projects worked on ranged from \$64,000 to \$555 million, with construction durations spanning months to upwards of seven years.

The Primary Clarifiers Replacement Project at Plant No. 2 in Huntington Beach is replacing four clarifiers and adding odor control measures.





# A Tradition of Excellence

## Preparing for the Future

Serving our community and planning for the future is at the core of who we are. There are many projects OC San is proud of, but the one that stands out for its size, complexity, and benefit to the community is the Headworks Rehabilitation Project, a monumental construction undertaking valued at \$226 million, OC San's largest construction project to date.

This ambitious project is revitalizing our headworks, the heart of our plant, responsible for handling the initial treatment of wastewater originating from six regional trunk sewers spanning our expansive 479-square-mile service area. The major challenge of this project is to complete a full upgrade and rehabilitation while not disturbing the current function and capacity of the headworks.

The headworks is not only the first step in the wastewater treatment process; it's pivotal for lifting wastewater from the

depths of the sewers and preparing it for thorough treatment. This important step involves the removal of large debris and coarse solids from the water.

Without the headworks, the larger debris in our collected wastewater could compromise our pumps and obstruct the functionality of our treatment systems. The Headworks Rehabilitation Project will also help mitigate potential odorous concerns and bolster the overall reliability of our plant with a new odor control system.

These improvements will empower OC San to continue delivering efficient and dependable wastewater treatment services to our community. Anticipated to span seven years, this transformative project is slated for completion in 2028, setting the stage for a long-lasting, resilient, and efficient future.

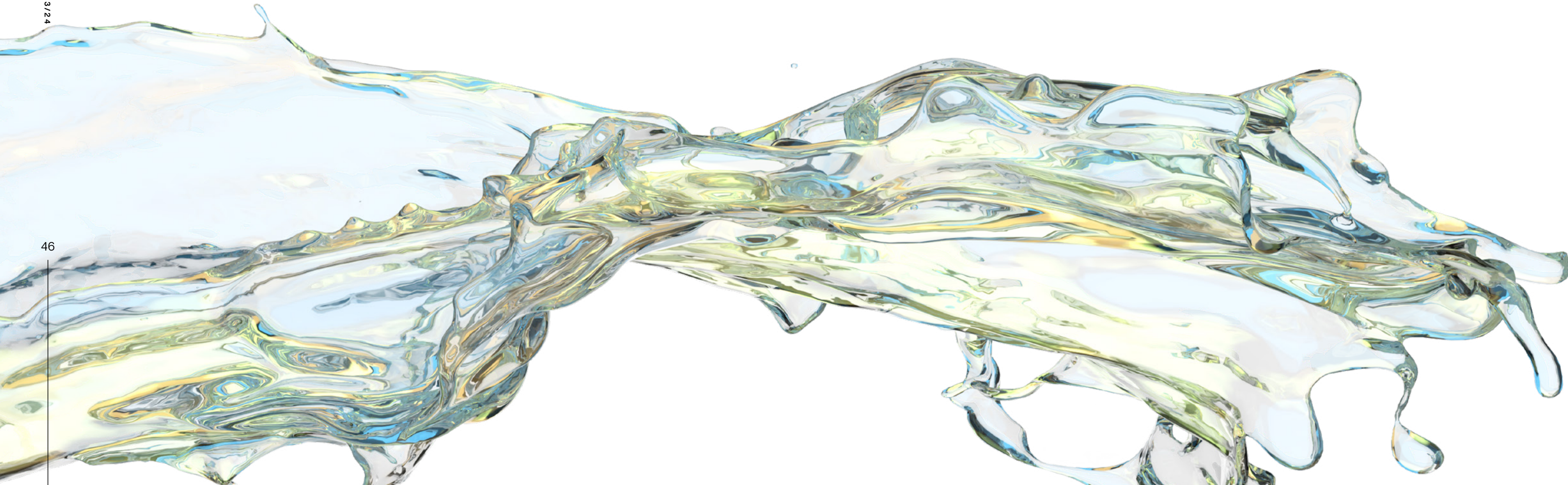




# Recycling our Precious Resource

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One Drop at a Time



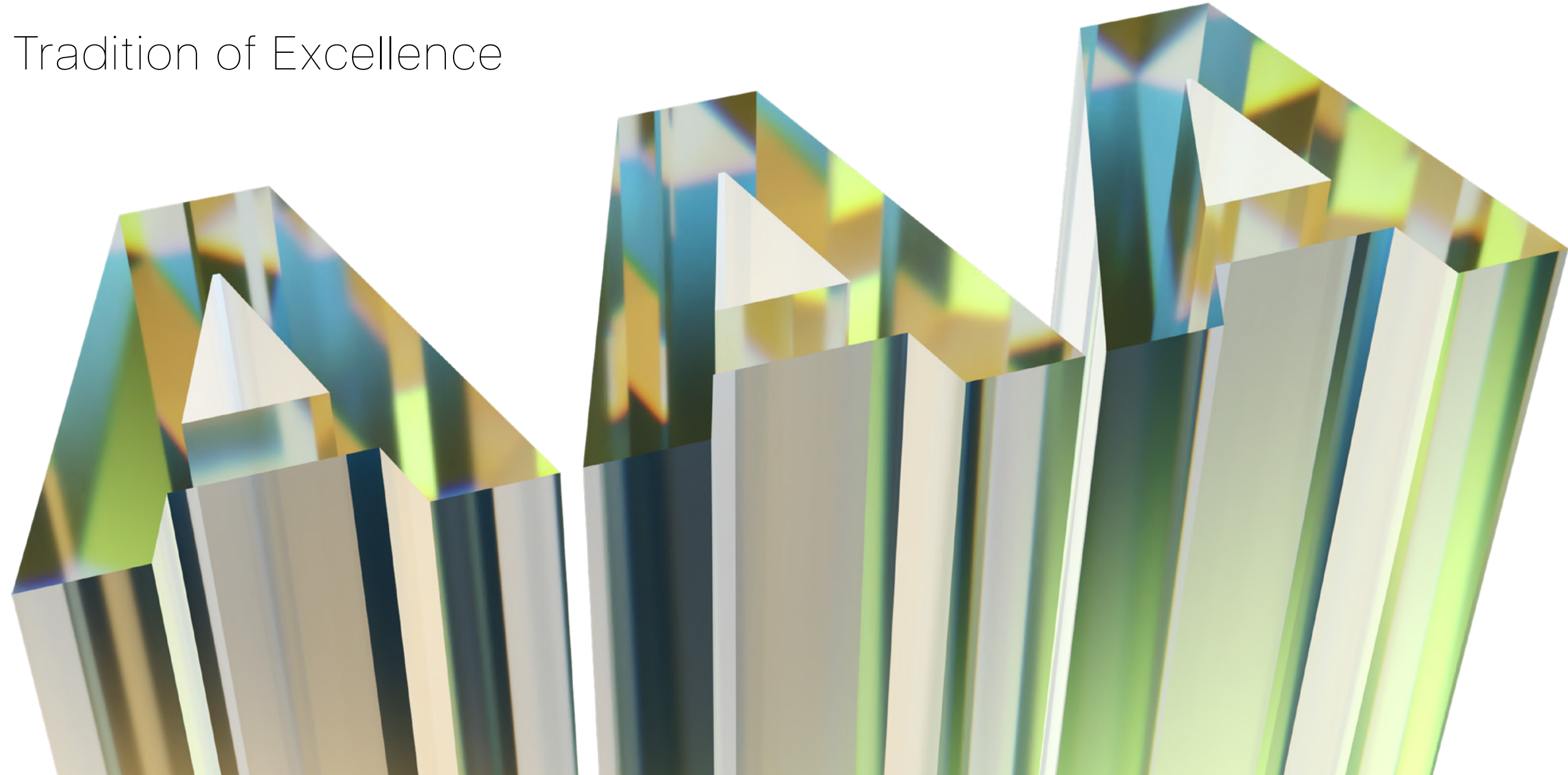
The Groundwater Replenishment System (GWRS) is a shining star amongst agencies. It proves that if two agencies come together, great things can happen. A world-renowned water recycling project, the GWRS is a joint project between OC San and the Orange County Water District (OCWD) that takes treated wastewater from OC San that would otherwise be sent to the Pacific Ocean and purifies it using a three-step advanced process consisting of microfiltration, reverse osmosis, and ultraviolet light with hydrogen peroxide.

The collaboration began in 2008 and continued into 2023 to finish the third and final step of the project – the GWRS Final Expansion – which was completed in early 2023. This expansion allows for up to approximately 170 million gallons daily (MGD) of treated wastewater flow from OC San to produce 130 MGD of purified recycled water. The other 40 MGD of saltwater is returned to OC San for treatment and safe release into the Pacific Ocean. The completed project produces the equivalent of one year’s water supply for over one million people.



# Financial Stability

## A Tradition of Excellence



OC San strives to ensure we are financially stable while keeping our rates affordable. For the 14th consecutive year, OC San has received AAA rating for our Wastewater Refunding Revenue Obligations, Series 2024A, and had our AAA rating reaffirmed for other Senior Obligations by all three credit rating firms: Fitch Ratings, Standard & Poor's, and Moody's Investors Service Incorporated.

These ratings are based on our management practices and financial strength. The AAA rating is the highest possible credit rating an agency can receive, meaning we have access to low-interest rate financing on infrastructure improvements, ultimately resulting in cost savings for OC San's customers. OC San is the only California utility with a AAA rating from all three major rating agencies.

**Fitch**Ratings

**STANDARD  
& POOR'S**

**MOODY'S**  
INVESTORS SERVICE

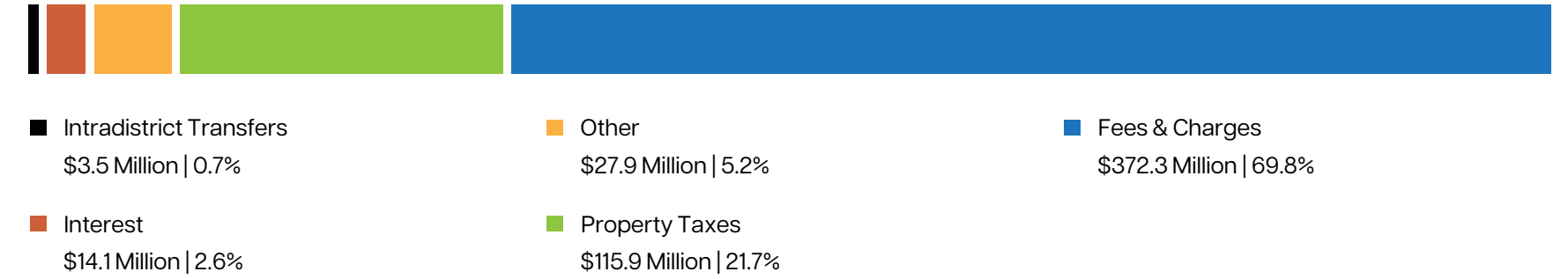


# OC San's Cost-Saving Measures



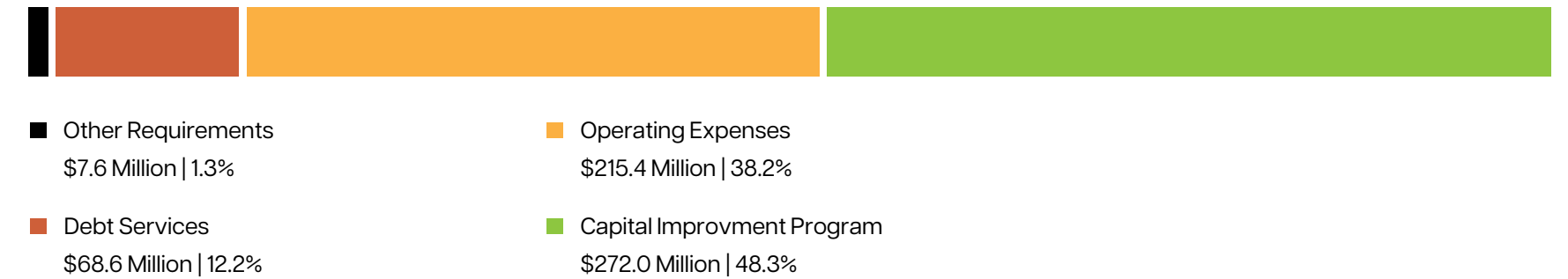
In June 2024, OC San was able to successfully retire \$134.2 million of Build America Bonds that were issued at taxable interest rates. Prepaying portions of the Series 2010C Revenue Obligations helps reduce OC San's exposure to the subsidy reduction risk and results in an interest cost savings of more than \$30 million. The transaction also reduces the final debt payment for OC San's total debt portfolio by four years, from 2044 to 2040. These cost-saving efforts ensure continued financial stability and benefit our ratepayers for years to come.

## Where The Money Comes From - FY 23/24



Total Funding Sources: **\$533.7 Million**

## Where The Money Goes - FY 23/24



Total Funding Sources: **\$563.6 Million**



# Thirty Years of Excellence in Financial Reporting

For the 30th consecutive year, OC San has been awarded the Certificate of Achievement for Excellence in Financial Reporting from the Government Finance Officers Association. This prestigious award is the highest form of recognition in governmental accounting and financial reporting.

One of the most important responsibilities we have is to provide an accurate and transparent accounting and understanding of public funds. OC San's Board of Directors has made it a top priority to maintain the highest standards and best practices in accounting.

This award is a testament to the hard work and dedication of our Financial Management Division in preparing the Annual Comprehensive Financial Report. It reflects a significant achievement in governmental financial accountability and transparency.





# HR Stats

Authorized Full Time Employees\*

**655**

Average Years of Service

**9**

Average Age

**45**

Diversity

**73.9%** **26.1%**

Male

Female

Bachelor's Education

**57%**

Master's or Higher Education

**21%**

Positions Requiring License/Certification

**250**

Retirements

**14**

Retirements - Years of Service

**286**

Total

**20.4**

Average

New Hires

**67**

Employees Telecommuting\*\*

**73.9%**








\* Includes two additional positions approved by the Board in September 2023.  
 \*\*Employees have the option to work remotely two days a week.





# Public Affairs Office and Legislative Statistics

## Social Media

			
 Facebook	189 Posts	36,996 Reached	5.2% Follower Increase
 Instagram	342 Posts	72,807 Reached	15.6% Follower Increase
 X (Twitter)	141 Posts	10,489 Reached	0.3% Follower Decrease
 LinkedIn	64 Posts	61,239 Reached	37.1% Follower Increase

## Community Events/Speakers Bureau

-  **35** speaking engagements reaching 2,400 members of the public
-  **94** tours reaching over 1,300 guests
-  **14** events reaching 2,900 guests
-  **198** self-guided virtual tours

Totaling 143 activities reaching an estimated 6,600 people.

## Education

### Heritage Museum of Orange County

 **147** Schools with total of 9,578 students

### Wastewater 101 Citizens Academy

 **16** Graduates (Spring 2024)

### Inside the Outdoors

 **46** Sessions with 1,270 students

## Construction Outreach

 **9** Printed Notices

 **12,000** People Reached

 **30** Web Updates

## Legislative Affairs

 **41** Bills Tracked

 **12** State Positions

 **8** Federal Positions



# 2023

### US Water Alliance

US Water Prize for Final Expansion of Groundwater Replenishment System (GWRS)

### WaterReuse

Award for Excellence - Recycling Water Agency of the Year - Large for Final Expansion of GWRS

Award For Excellence - Community Water Champion for Final Expansion of GWRS

### Municipal Information Systems Association of California

Excellence in Information Technology Practices Award

### National Association of Clean Water Agencies - National Environmental Association Agencies

Community Leadership Award for Final Expansion for GWRS

### Beacon Program - Institute of Local Government

Honorable Mention for Final Expansion of GWRS



# Awards

# 2024

### Government Finance Officers Association

Certificate of Achievement for Excellence in Financial Report

### National Association of Clean Water Agencies (NACWA)

Platinum Peak Performance Award

### California Association of Public Information Officers

Best in Show - GWRS Dedication Ceremony

Special Occasion/ One Time Event Award - GWRS Dedication Ceremony

### Graphic Design USA - American Inhouse Design Award

Capital Improvement Program Annual Report - 100% Reclaimable Flow

OC San Connection Community Newsletter - Spring Issue

Keep It Flowing Brochure





# Highlights from the Year



OC San employees at Plant No. 1 in Fountain Valley.

- Completed an emergency response earthquake drill.
- Provided refresher training for Emergency Operations Center in the incident command system.
- Completed over 23,000 work orders for maintenance and plant facilities tasks.
- Coordinated over 300 construction shutdowns without incident at Plant No. 1 and Plant No. 2.
- Completed closed-circuit television inspection of 38.5 miles of gravity collections system pipeline and 373 manholes.
- Cleaned 48 miles of the gravity collection system pipes.
- Met our levels of service commitment for odor complaints in the collection system (Goal: <13).
- Removed 126 cubic yards of grit from the collection system.

- Completed approximately 100,000 laboratory tests.
- Identified critical plant and collections assets that are currently in service or under construction as part of the Asset Management Plan and developed an approach to update the design scope of work template for current and future parts and replacement projects.
- Completed construction of the state-of-the-art 109,000-square foot Headquarters.
- Successfully transitioned more than 300 employees from nine various locations to one central location without disruption in our service.
- Developed outreach toolkits for member agencies to educate, inform, and reduce negative impacts affecting the local and regional sewer system.
- Completed the Plant No. 2 seismic vulnerabilities planning study scope of work and sent out a request for proposal.



# Look Ahead



OC San employees at Plant No. 2 in Huntington Beach.

- Complete an analysis of the current Capital Facilities Capacity Charge program and provide program improvement recommendations.
- Secure resources and support for the 2026 National Pollutant Discharge Elimination System permit renewal.
- Develop a design for a hands-on educational display for the Headquarters outdoor patio educational display.
- Update the Pretreatment/Source Control Enforcement Response Plan in alignment with the State of California's 2024 water quality enforcement guidance documents.
- Conduct regional sanitary sewer spill training for the collections system.
- Expand OC San's Pretreatment Honor Roll program to include waste haulers.
- Finalize a Memorandum of Understanding with Orange County Waste and Recycling on the construction of a regional food waste processing facility.

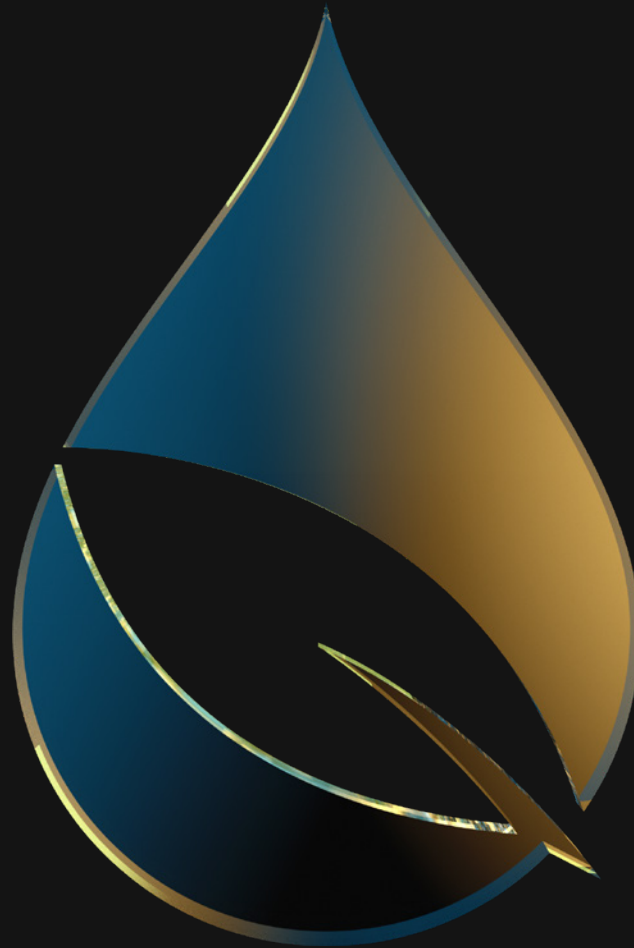
- Evaluate the initial feasibility of deep well injection of biosolids, issue and evaluate a Request for Information for potential deep well injection design-build-operate vendors, and review permitting requirements.
- Complete the commissioning and begin demonstration of the Supercritical Water Oxidization pilot project and implement an outreach campaign.
- Conduct an employee engagement survey and utilize results to identify areas for improvement. Develop action plans as appropriate to enhance employee engagement and satisfaction.
- Utilize results from an employee engagement survey to identify areas for improvement and develop action plans to enhance employee engagement and satisfaction levels.
- Launch new OC San website with improved navigation, mobile responsiveness, enhanced educational materials, and easier access to public information.



**OC San Headquarters**  
18480 Bandilier Circle  
Fountain Valley, California 92708

**Reclamation Plant No. 1**  
10844 Ellis Avenue  
Fountain Valley, California 92708

**Reclamation Plant No. 2**  
22212 Brookhurst Street  
Huntington Beach, California 92646



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