

Environmental Compliance Program

Presented by:
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Environmental
Protection Manager

Environmental Services
Department

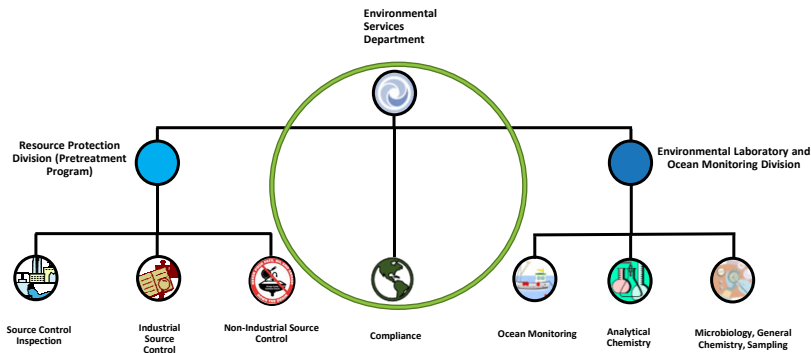
Operations Committee
Meeting

September 6, 2023



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Environmental Services Department



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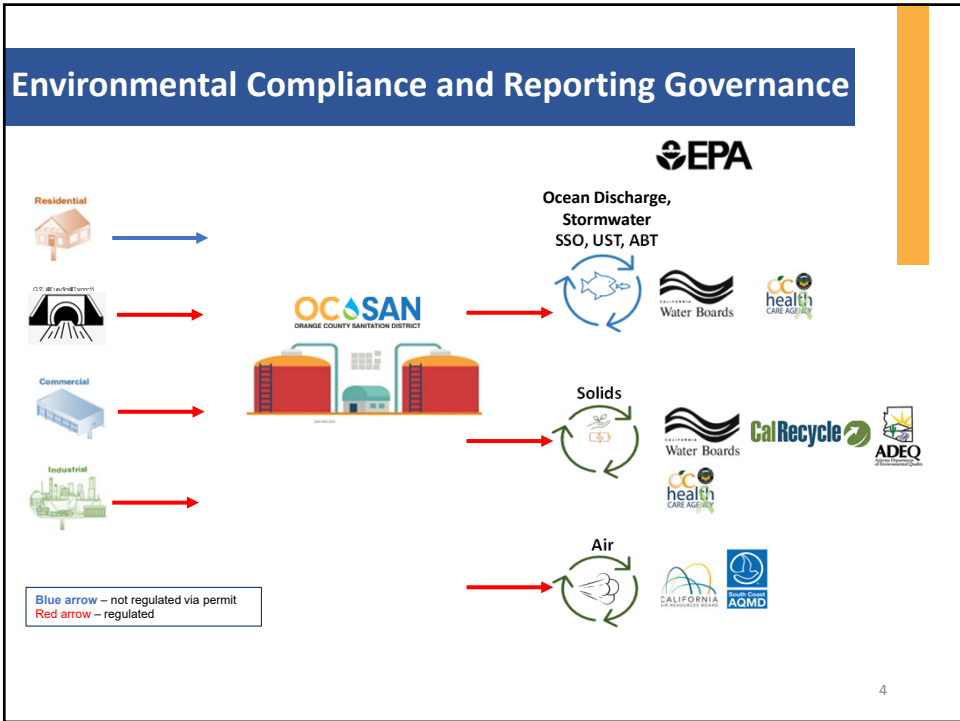
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Compliance Officer




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Benefits of a Robust Compliance Program

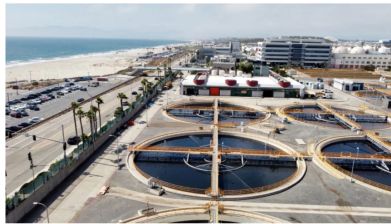


Minimizing Risk and Liabilities

LOCAL NEWS - NEWS

Hyperion plant still releasing partially treated sewage 5 miles offshore

Wastewater is 'not being treated to the level that it is normally treated because of the damage to the plant,' says a water quality board official



The Los Angeles Regional Water Quality Board is warning Los Angeles to conduct additional offshore monitoring and to provide daily reports about ongoing discharges at the Hyperion Water Purification Plant, 5 miles off the coast from the plant, which officials said could harm the water near Santa Monica. (Photo by Dawn Rojcevic/Daily News 5/24/23)



FOR IMMEDIATE RELEASE: July 26, 2023

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South Coast AQMD Issues Violation to Hyperion Treatment Plant for Elevated Levels of Hydrogen Sulfide

THE ORANGE COUNTY REGISTER

Record sewage spill hits Laguna Beach just after council approves more funding for sewer maintenance



City of San Diego will pay \$4.6 million for 2020 sewage spill into SanDiego Bay

San Diego Water Board also requires repairs, upgrades to system

June 16, 2023 Contact: info@sdwb.org, Information Officer
San Diego: The City of San Diego agreed to pay \$4.6 million and make necessary repairs to its sanitary sewer system that failed during intense storms on Oct. 13, 2020, discharging more than 1 million gallons of untreated wastewater into the SanDiego Bay and threatening environmental health to residents of a nearby development community, San Marcos.

The San Diego Regional Water Quality Control Board adopted a stipulated system and associated repairs to the sanitary sewer system that failed during intense storms on Oct. 13, 2020, discharging more than 1 million gallons of untreated wastewater into the SanDiego Bay and threatening environmental health to residents of a nearby development community, San Marcos.

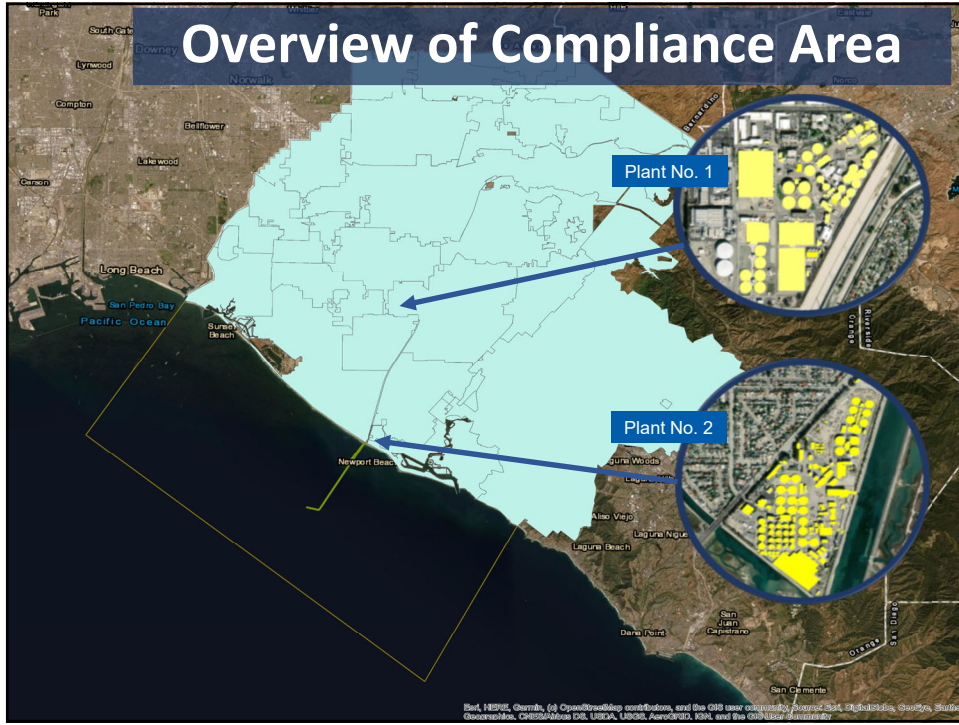
The sewage spill occurred approximately one quarter of a mile northwest of Pepper Park, a water treatment facility with a sludge pond and floating dock, and a water treatment plant. The spill occurred during a storm event that caused a sewer backup and overflow into the San Marcos community.

As part of the agreement, the city will direct approximately \$3.7 million of the penalty to the San Diego Water Board for the purpose of funding the San Diego Water Board's enforcement program. The remaining \$0.9 million will be used for the city's enforcement program. The San Diego Water Board is an enforcement and compliance agency.

These two enforcement actions, when taken together, further the San Diego Water Board's *Enforcement Policy* and the objective of aggressively addressing water quality violations that pose a threat to human health, wildlife and the environment. said Executive Officer Steve Glavin. "In this unique, joint enforcement of water quality system and its associated alarm system could have prevented or minimized the impact of the spill. The severity of the penalty illustrates the importance of the city's compliance program. The San Diego Water Board will continue to monitor the system and will take any necessary steps to make sure infrastructure subject to the major storm that are projected to happen more frequently due to climate change."

Lompoc to pay \$263K to resolve wastewater discharge violations





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NPDES Permit – Discharge Monitoring Reporting

- **Regulatory Driver:** NPDES Permit – Discharge limits and Performance Goals
- **Monitoring:** Over **13,800** analyses per year
- **Reporting Frequency:** Monthly, quarterly, semi-annually, and annual
- **Inspections:** EPA and Regional Water Quality Control Board
- **Internal Audits:** Annual

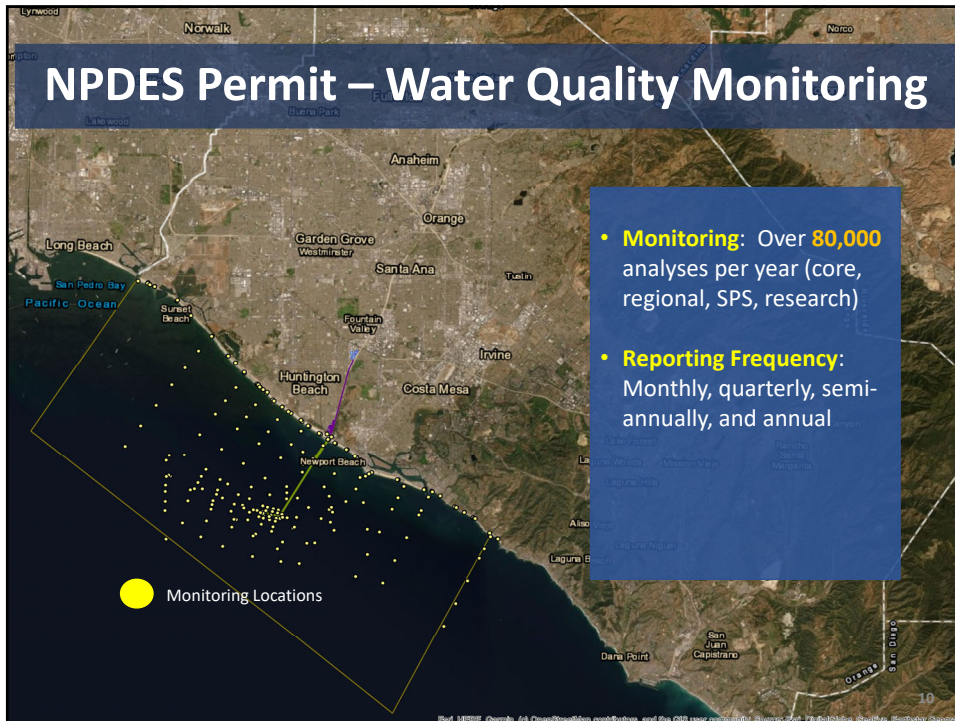


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NPDES Permit – Water Quality Monitoring

- **Monitoring:** Over **80,000** analyses per year (core, regional, SPS, research)
- **Reporting Frequency:** Monthly, quarterly, semi-annually, and annual



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NPDES Permit – Solids Monitoring and Management

- **Regulatory Driver:** NPDES, 40CFR 503, CCR Title 14, AZ Title 18
- **Monitoring:** Over **800** samples per year
- **Reporting Frequency:** Monthly, quarterly, semi annual, and annual
- **Inspections:** EPA, Regional Water Quality Control Board, and Orange County Environmental Health



Compost/Land Application



Grit and Screening



Transportation



Biosolids – Class B

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Air Quality – Compliance Reporting and Monitoring

Regulatory Driver:
Title V, AQMD Rules and CARB Regulations

Inspections: Annual SCAQMD and CARB

Reporting: Quarterly, semi-annual, annual, and incident reporting

Internal Audit:
Annual

>70,000 Data Points/Year/Engine



Engines

>1,000 Data Points/Year/Scrubber



Odor Control

>8,700 Data Points/Year/Boiler



Boilers

>4,300 Data Points/Year/Flare



Flares

>8,700 Data Points/Year/Station



Pump Stations

>8,700 Data Points/Year/Generator



Generators

Monitor >200 Units



Fleet/Maintenance

Air Permitting and Monitoring



Construction

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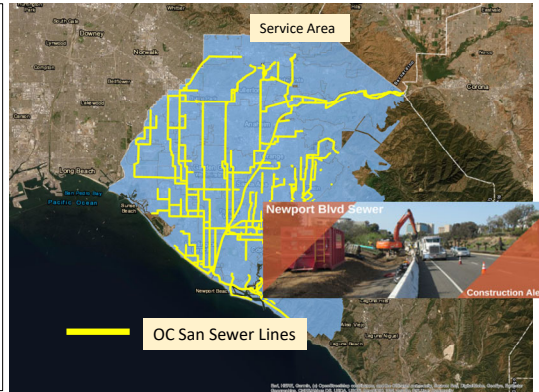
Stormwater and Sanitary Sewer Overflow Reporting

Regulatory Driver: NPDES (Stormwater Section), General Orders - SSSWDR and Construction Stormwater, UST/ABT regulations

Inspections: Frequent inspections

Reporting: Monthly reporting, and incident reporting

Internal Audit: Stormwater Annual and Sanitary Sewer System Biennial



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Working Smarter

- Collaboration with regulators
- Regulatory advocacy
- Internal audit program
- Interactive compliance and regulatory tracker dashboards



Environmental Compliance Awareness Program

- Status OK
- ▲ Status Warning
- Status Warning

Active Compliance Tasks Only

Area	Status	OK	Warning	Problem	Total
Air Quality	●	2	0	0	2
Biosolids	▲	5	1	0	6
Discharge Monitoring	●	2	0	0	2
Environmental Auditing	●	0	0	0	0
Hazardous Waste and Materials	●	2	0	0	2
Interplant Gas Line	●	0	0	0	0
Ocean Monitoring	●	6	0	0	6
Post Construction Mitigation	●	0	0	0	0
Resource Protection	●	0	0	0	0
Sanitary Sewer Overflows	●	0	0	0	0
Stormwater	●	1	0	0	1
Underground Storage Tanks	●	1	0	0	1

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Future Concerns and Collaborations

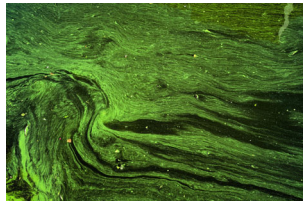
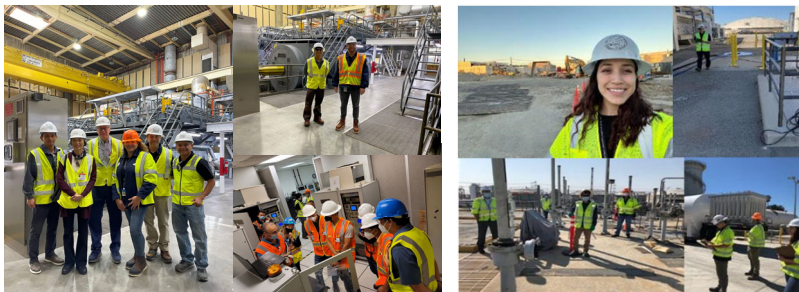


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Meet the Team in Action



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Questions

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