

Environmental Compliance Program

Presented by:
Tom Meregillano,
Environmental
Protection Manager

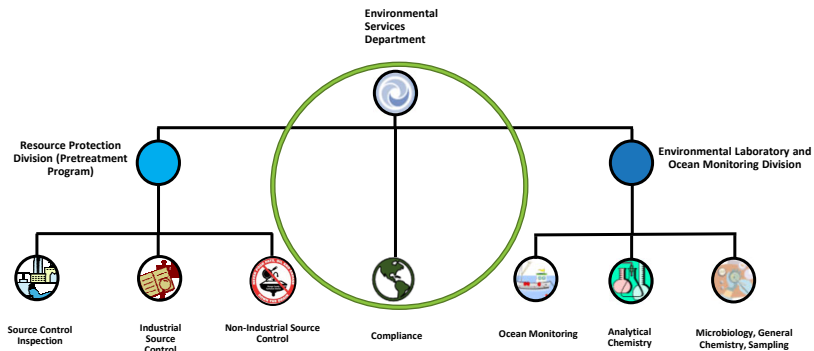
*Environmental Services
Department*

*Administration
Committee Meeting
September 13, 2023*

OC SAN
ORANGE COUNTY SANITATION DISTRICT

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Environmental Services Department



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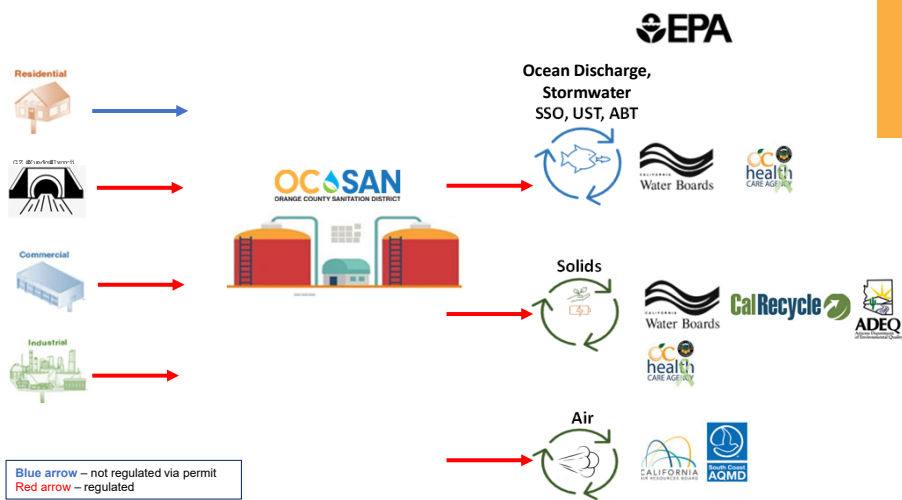
Compliance Officer



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Environmental Compliance and Reporting Governance



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Benefits of a Robust Compliance Program



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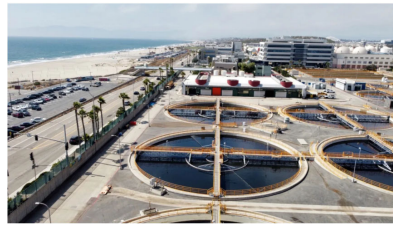
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Minimizing Risk and Liabilities

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 Reclamation Plant. Signs at the plant show that the plant is not working properly, which prevents the plant from treating the water properly. (Photo by Sean Heugens/CNN News Service)



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
PRESS RELEASE
www.scaqmd.gov @SouthCoastAQMD

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

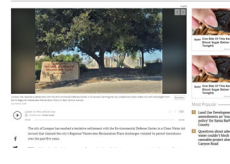
THE ORANGE COUNTY REGISTER

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



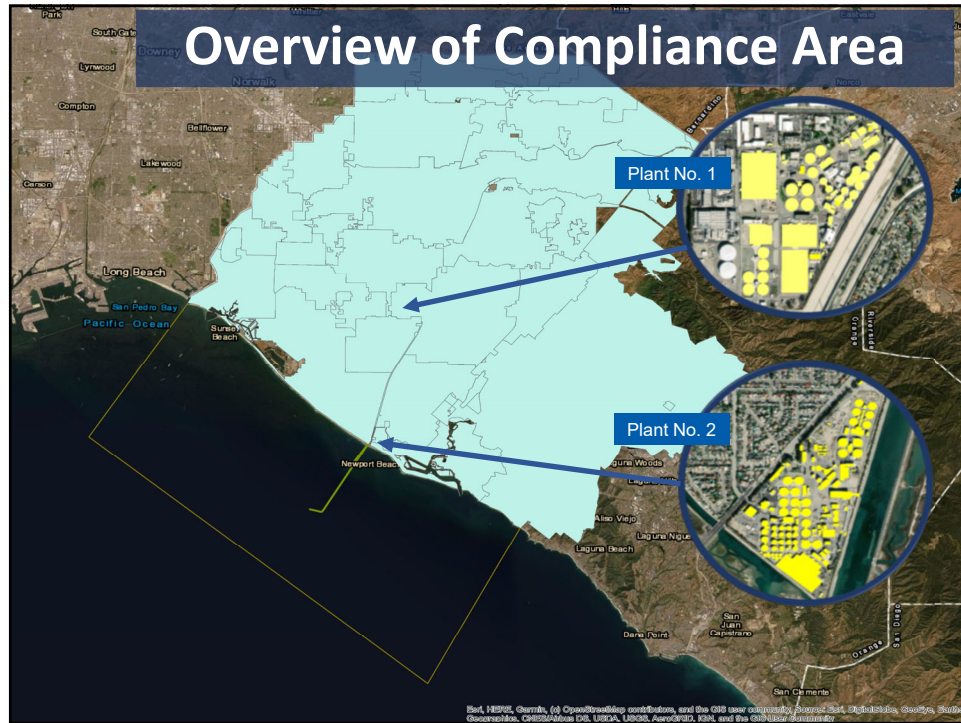
City of San Diego will pay \$4.6 million for 2020

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

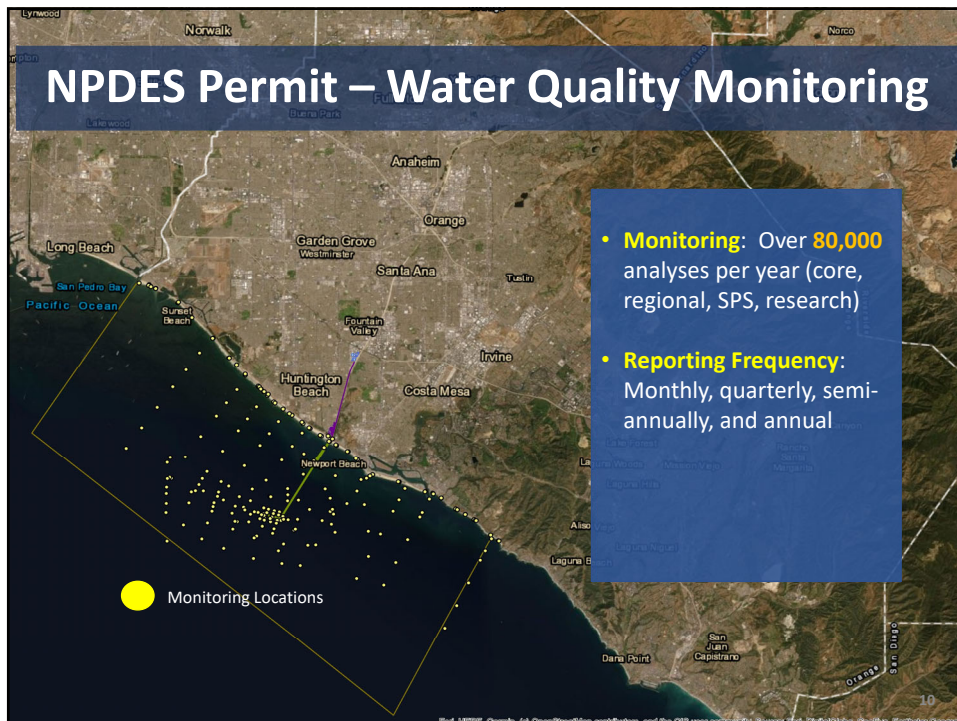


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NPDES Permit – Water Quality Monitoring

- **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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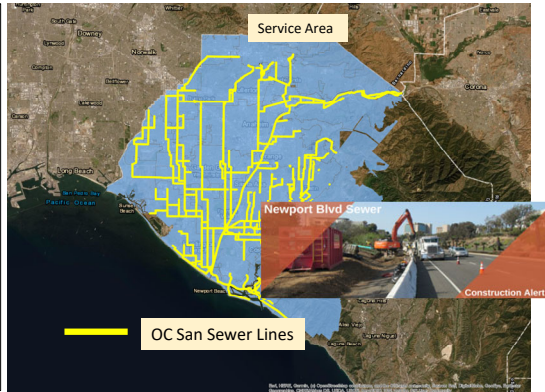
Stormwater and Sanitary Sewer Overflow Reporting

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

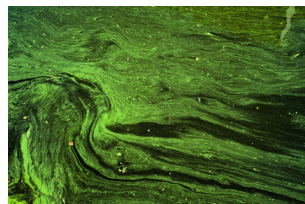
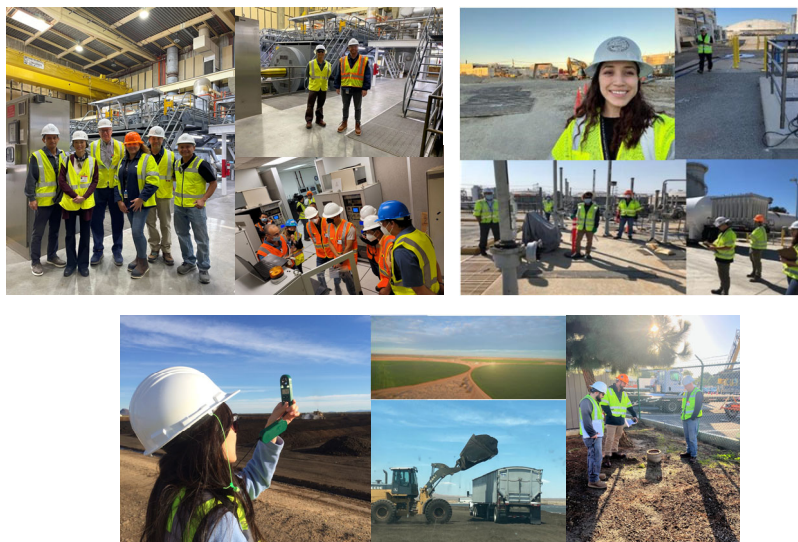


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Meet the Team in Action



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Questions

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