



COMPLIANCE PROGRAM

Presented by: Lisa Frigo, PE
Environmental Services Department

December 4, 2019



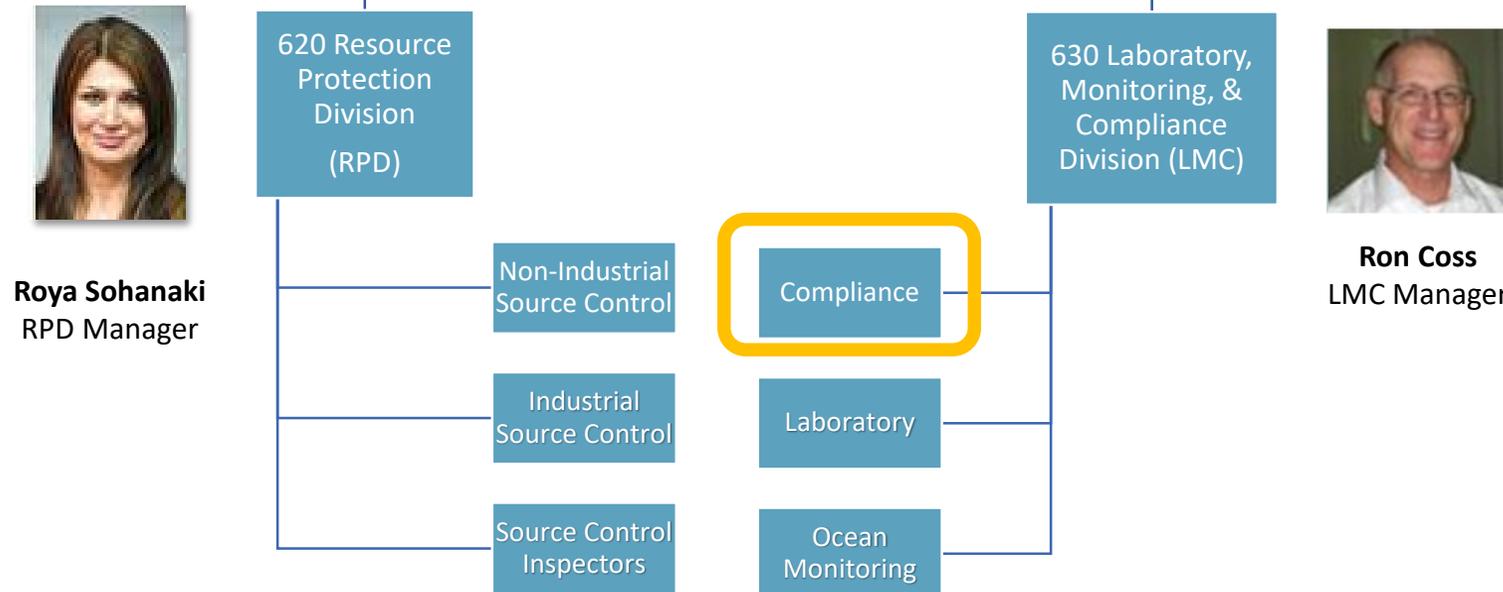
Environmental Services Department



Lan Wiborg
Director of Environmental Services



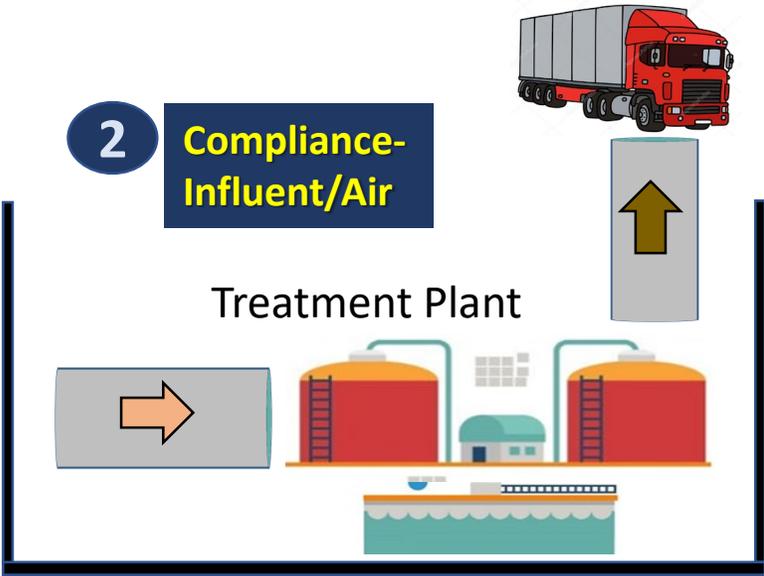
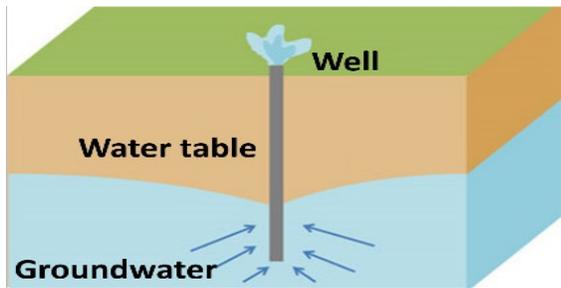
Peggy Echavarria
Executive Assistant



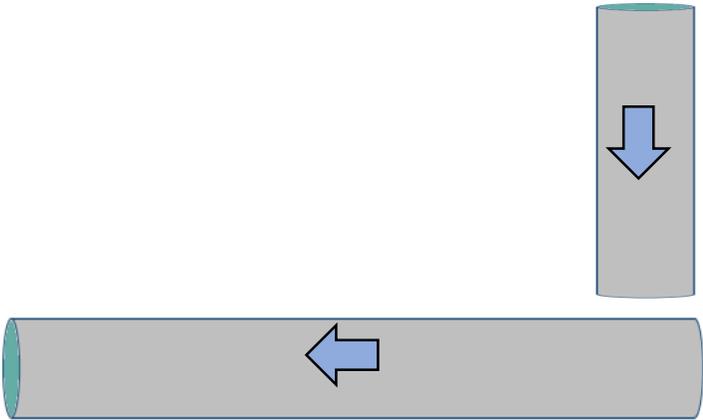
1 Resource Protection - Pretreatment



Laboratory - Clients Resource Protection, Compliance, Ocean Monitoring

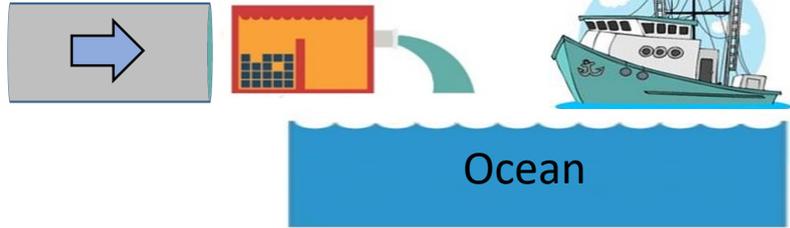


7 Resource Protection - GWRS



3 Compliance-Solids

4 Compliance-Effluent



5 Compliance - Water Quality

6 Ocean Monitoring

Environmental Compliance and Reporting Governance



FEDERAL



STATE



REGIONAL/LOCAL



Environmental Compliance and Reporting Governance



NPDES Discharge Permit

- Discharge Monitoring
- SSO
- Biosolids
- Stormwater



CCR Title 14

- Biosolids and Grit and Screenings



Air Quality Permits (TITLE V, AQMD, CARB)

- Process Systems
- Engines, Boilers, Flares, Odor Control
- Fleet and Maintenance
- Construction



AZ Title 18 Env. Quality

- Biosolids



CCR Title 23

- UST

Overview of Compliance Area



Overview of Compliance Area



The legend consists of two entries. The first entry features a rectangular box with a diagonal orange hatching pattern, followed by the text "California Counties – Composting Sites". The second entry features a rectangular box with a brown dotted pattern, followed by the text "Arizona Counties – Land Application Sites".

- California Counties – Composting Sites
- Arizona Counties – Land Application Sites



Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

NPDES Permit – Discharge Monitoring Reporting



- **Monitoring:** Over 12,500 Analyses per Year
- **Reporting Frequency:** Monthly, Quarterly, Semi-Annually, and Annual
- **Inspections:** EPA, Regional Water Quality Control Board
- **Internal Audits:** Annual



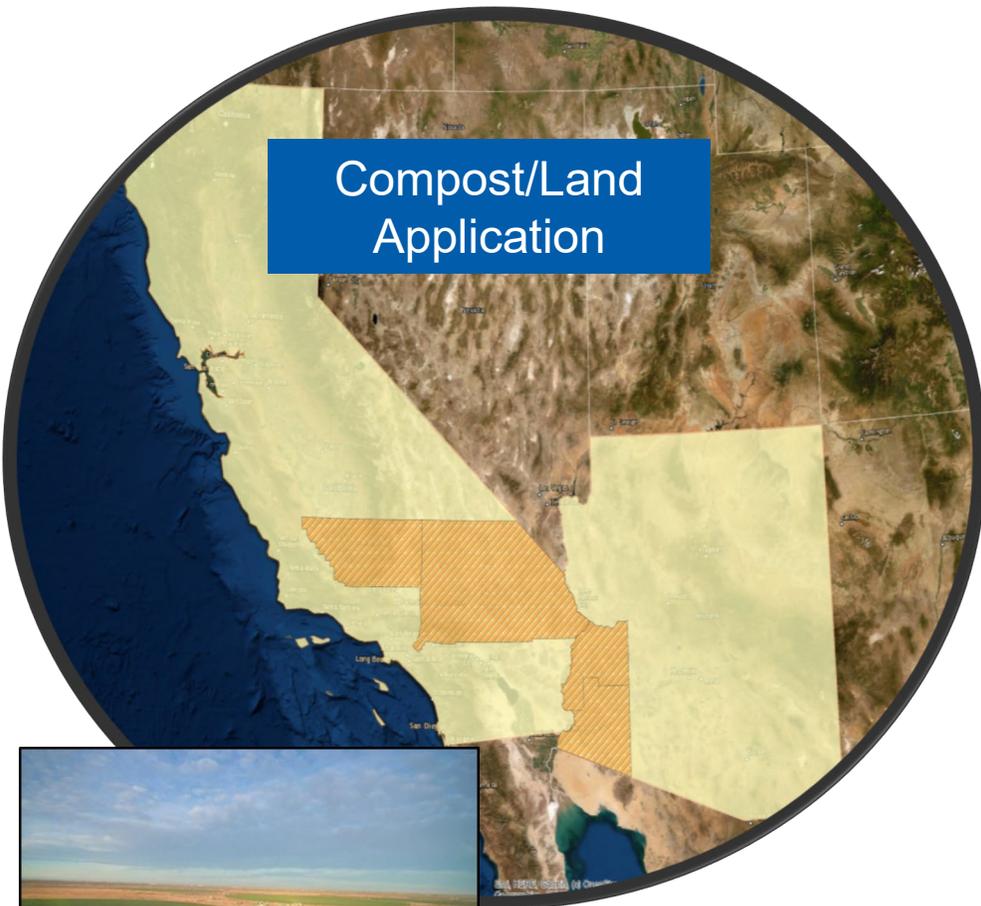
NPDES Permit – Water Quality Monitoring



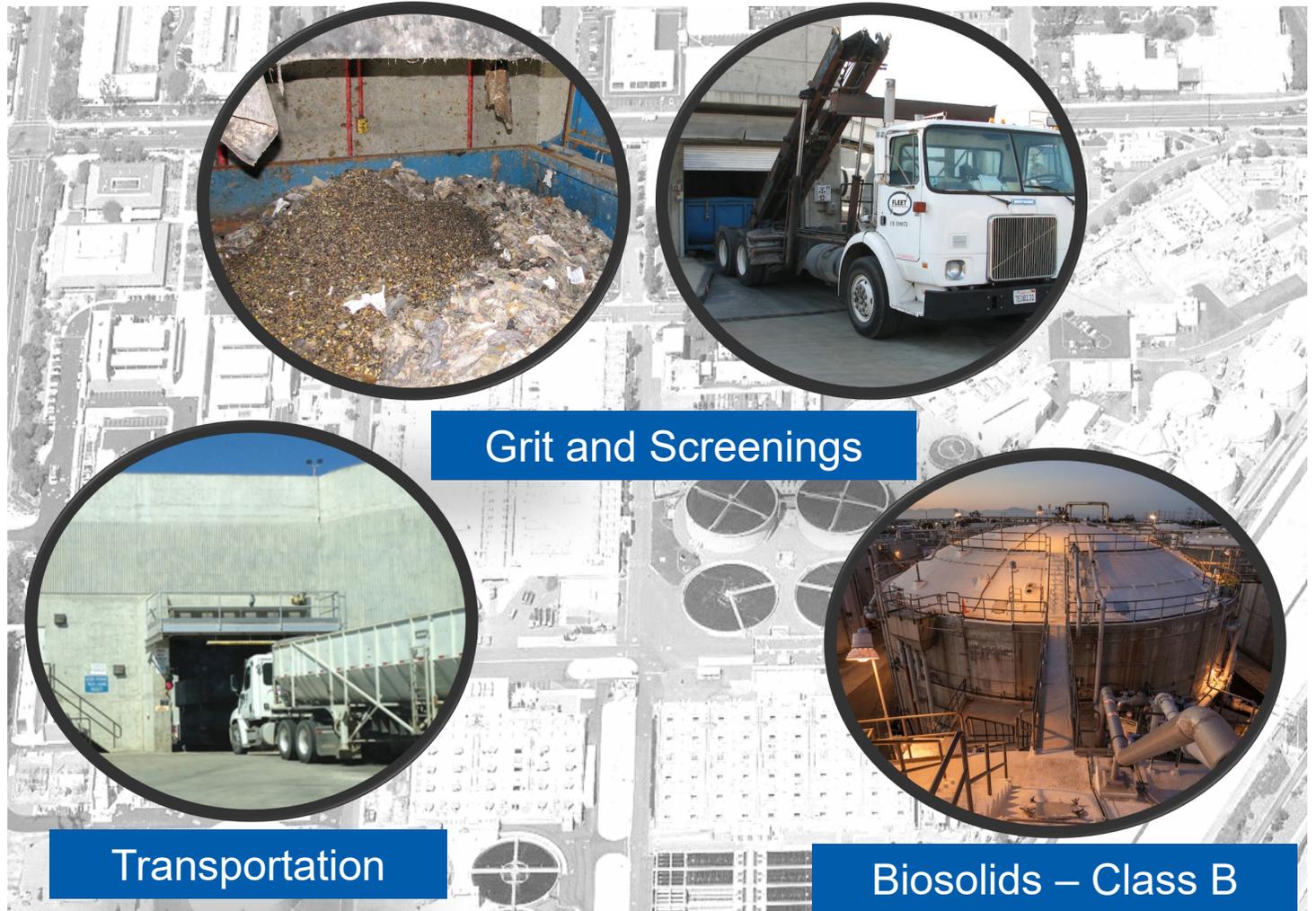
- **Monitoring:** Over 42,200 Analyses per Year (Core, Regional, SPS, Research)
- **Reporting Frequency:** Monthly, Quarterly, Semi-Annually, and Annual

● Monitoring Locations

NPDES Permit – Solids Monitoring



Compost/Land Application



Grit and Screenings

Transportation

Biosolids – Class B

Air Quality – Compliance Monitoring

Inspections: Annual

**Reporting: Quarterly,
Semi-Annual,
Annual, 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

Monitor All
Construction Activities

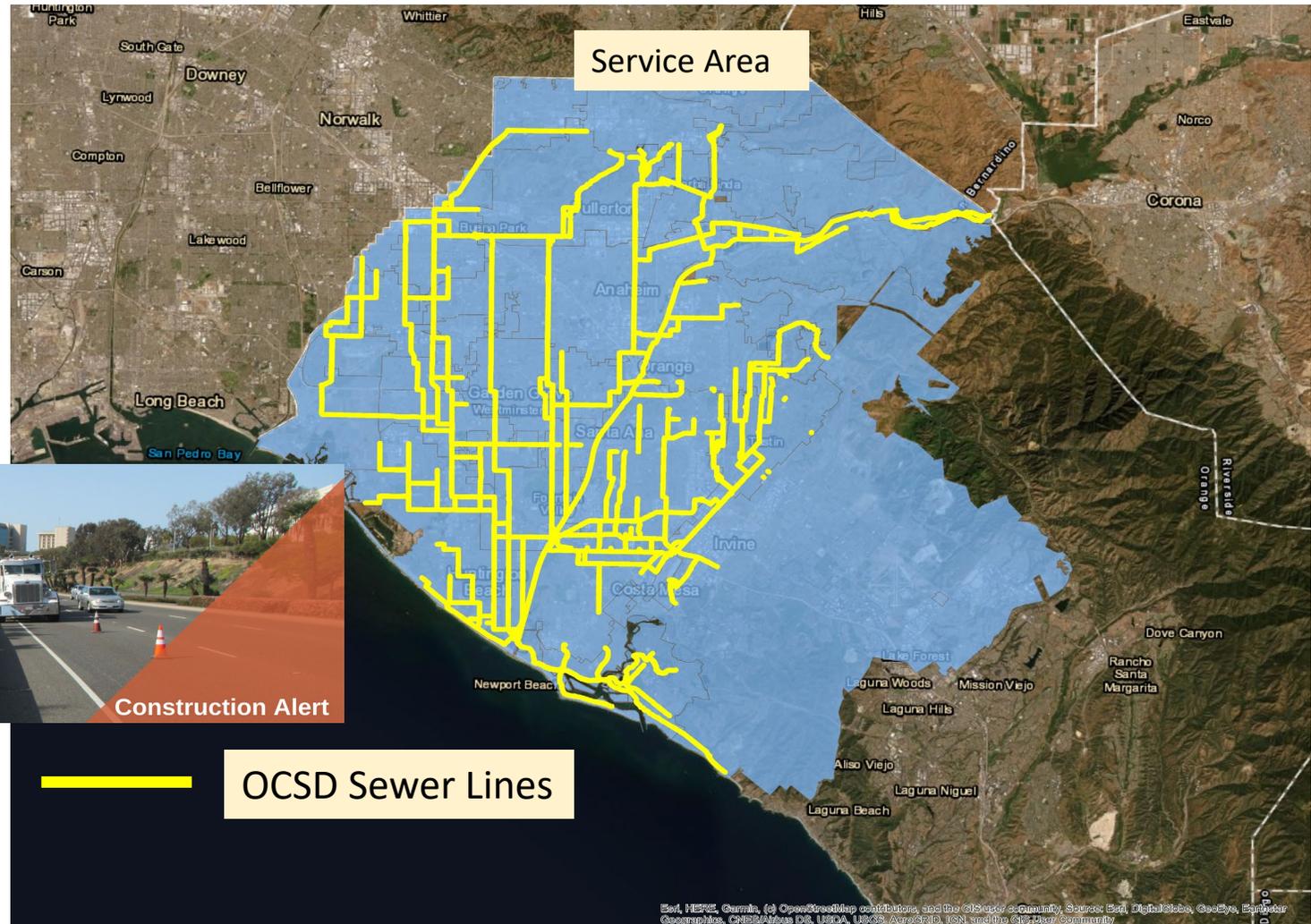


Construction

Sanitary Sewer Overflow Reporting and Stormwater Construction



- 389 Miles of OCSD's Sewer Lines
- Stormwater Construction



Working Smarter



- Collaboration with Regulators
- Regulatory Advocacy
- Interactive Compliance and Regulatory Tracker Dashboards
- Internal Audit Program

Active Compliance Tasks Only

<input type="checkbox"/> 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



Status OK



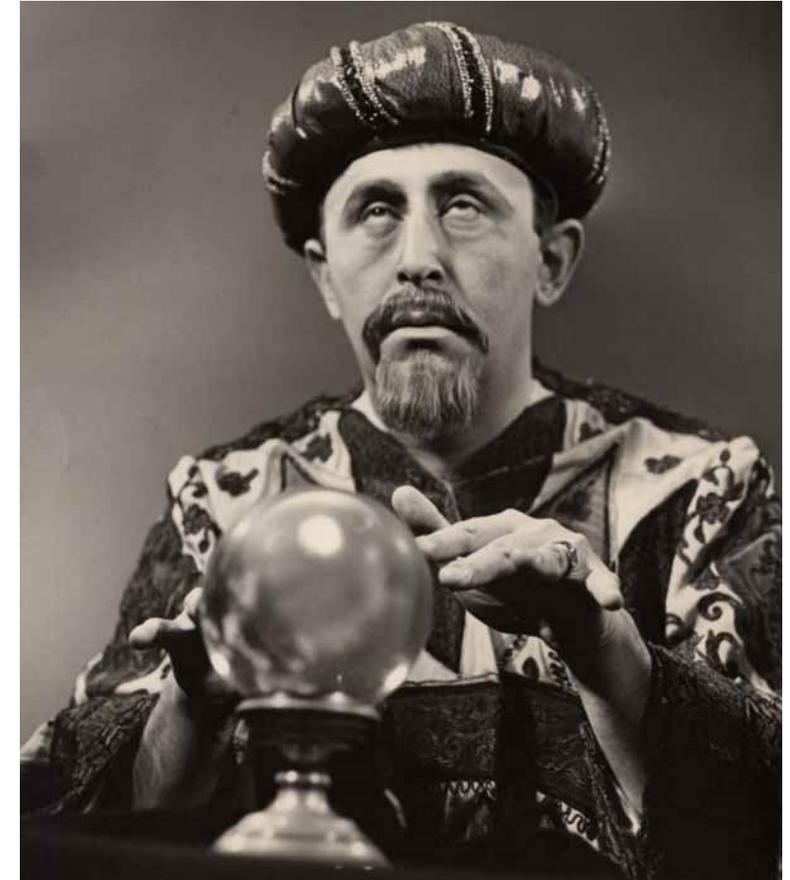
Status Warning



Future Concerns and Collaborations



- Organic Diversion – Food Waste
- CECs – PFAS, Microplastics
- Biosolids Master Plan Implementation
- AB 617 Implementation – CARB



Noncompliance Risk and Liabilities



 THE TRIBUNE

LOCAL

Paso Robles fined nearly \$500,000 for wastewater plant permit violations

By Lindsey Holden

lholden@thetribunenews.com

JANUARY 23, 2017 07:14 PM



One of the new circular clarifiers at the Paso Robles sewage treatment plant, as pictured in May 2015.
JOE JOHNSTON JOHNSTON@THETRIBUNENEWS.COM

FINES: Up to \$25,000 per Day

THE ORANGE COUNTY REGISTER

NEWS > LOCAL NEWS

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



Beachgoers stop to read the signs posted along the boardwalk at Main Beach in Laguna Beach on Friday, November 29, 2019, following a sanitary sewer leak of about 4 million gallons of raw sewage in Laguna Beach. The Orange County Healthcare Agency closed the ocean and bay areas from Pelican Point at Crystal Cove in Newport Beach to the Poche Beach in Dana Point and San Clemente. (Photo by Mark Rightmire, Orange County Register/SCNG)

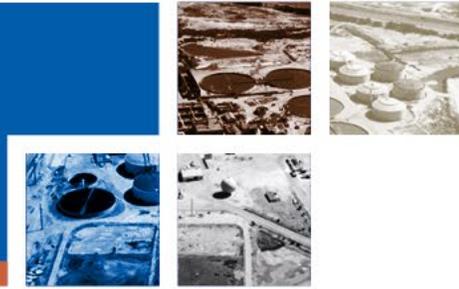
Meet the Team



Questions



**For more information,
visit us at:**



www.ocsd.com

Twitter, Facebook, Instagram: [@ocsewers](https://www.instagram.com/ocsewers)

