



Orange County Sanitation District



**Rob Thompson,
Director of Engineering
July 27, 2016**



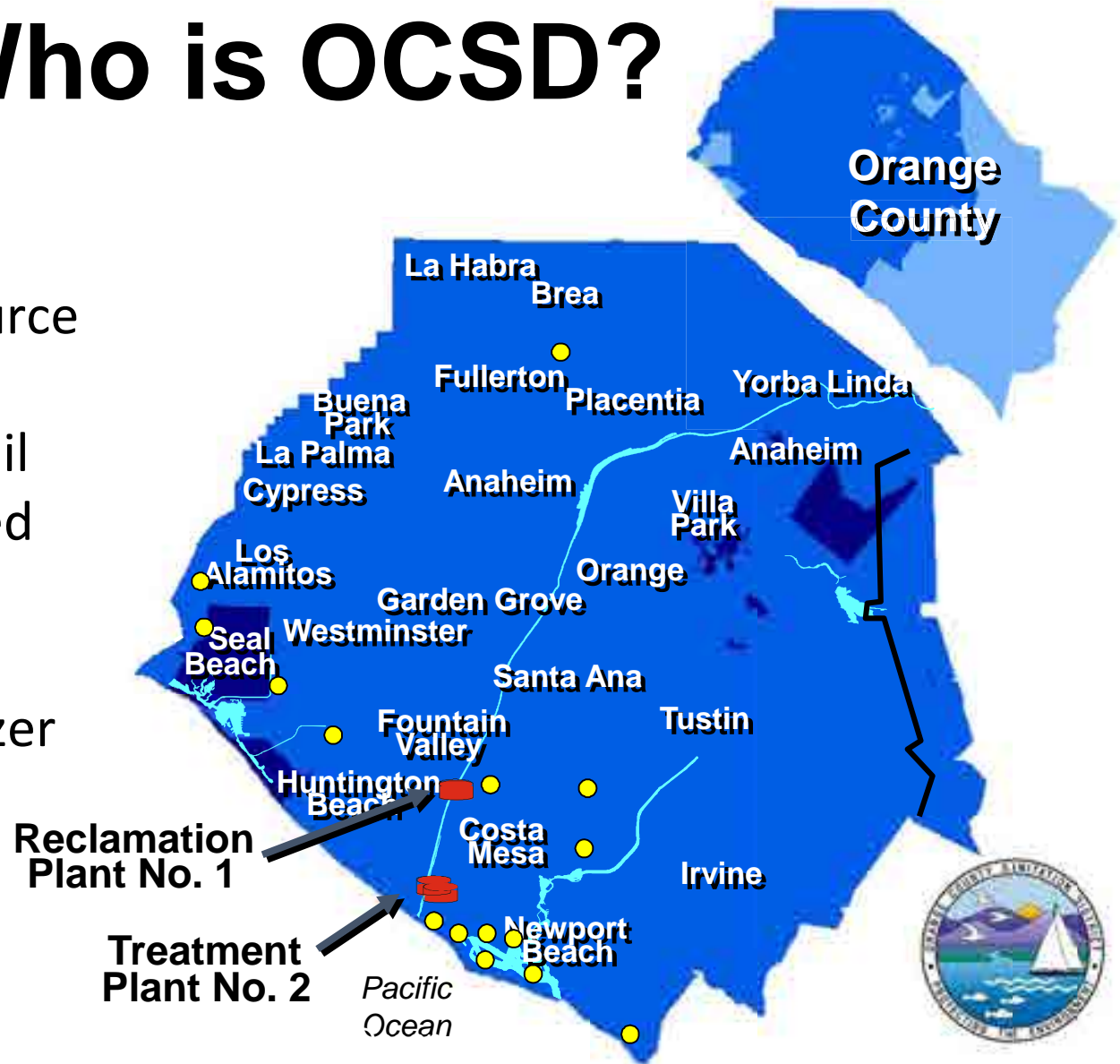
OCSD Mission

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

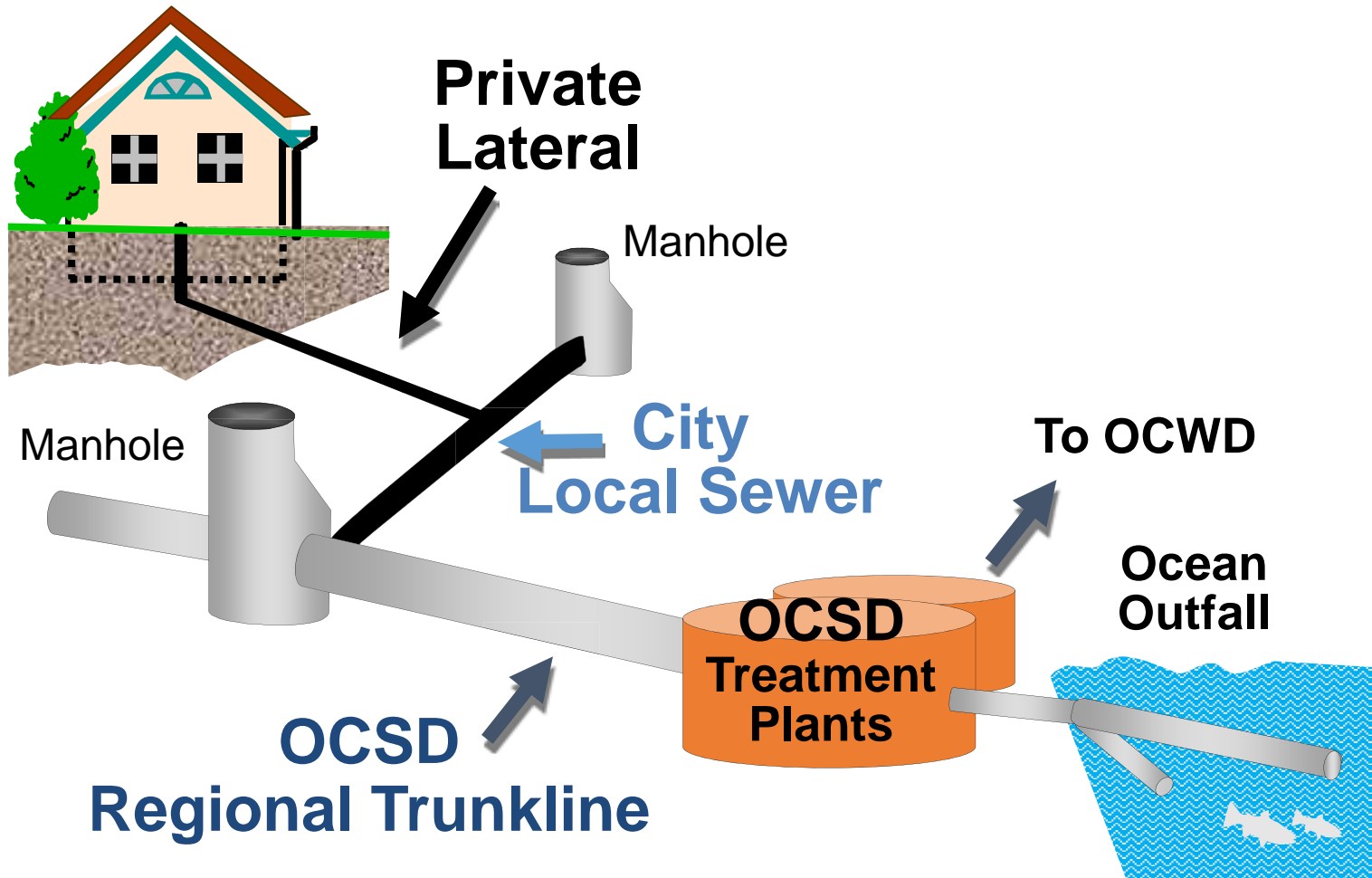


Who is OCSD?

- Regional Water Treatment/ Resource Recovery System
- We receive 185 mil gal/day of enriched water
- We make water, power, and fertilizer



Wastewater Collection System



Strong Financial Position



- Revenues from user fees and connection fees
- Proactive forecasting and planning
- AAA Bond Rating



Capital Improvement Program Overview





Background

- EPA Consent Decree Secondary Treatment 2002 - 2012
- Full Secondary December 2012
- Maximizing Reclamation through OCWD
- Future Renewal, Replacement and Rehabilitation



More than \$2 billion in capital will be invested over the next 10 years.



Major Projects in Design

- Bay Bridge Pump Station Reconstruction
- Consolidated Demolition and Utility Improvements at Plant 2
- Headquarters Complex Replacement
- Headworks Rehabilitation and Expansion at Plant 1
- Newhope-Placentia Trunk Replacement – Package B
- Ocean Outfall System Rehabilitation
- Primary Treatment Rehabilitation at Plant 2
- Rehabilitation of Western Regional Sewers
- SCADA System and Network Upgrades at Plant 2
- Seal Beach Pump Station Rehabilitation



Major Projects in Construction

- Cengen Emissions Control Project
- Digester Rehabilitation at Plant 1
- Final Effluent Sampler Upgrades at Plant 2
- Gisler-Red Hill Trunk Improvements
- Newhope-Placentia Trunk Replacement – Pkg. A
- Primary Treatment Upgrades at Plant 1
- Sludge Dewatering and Odor Control at Plant 1
- Sludge Dewatering and Odor Control at Plant 2
- Solids Thickening and Processing Upgrades at Plant 2
- Trunk Line Odor Control Improvements at Plant 1



Upcoming Design Requests for Proposal

	Project Name	RFP Date	Construction Estimate
P2-118	Activated Sludge Aeration Basin Deck Repair at Plant No. 2	Oct-16	\$900,000
J-127	Natural Gas Pipelines Replacement at Plant Nos. 1 and 2	Nov-16	\$600,000
P1-126	Primary Clarifiers Replacements and Improvements at Plant No. 1	Dec-16	\$95,100,000
5-67	Bay Bridge Pump Station and Forcemain Replacement	Jan-17	\$26,500,000
J-124	Digester Gas Facilities Rehabilitation	May-17	\$53,400,000



Upcoming Construction Project Bids

	Project Name	Bid Date	Construction Estimate
P2-92B	Sludge Dewatering and Odor Control at Plant 2	Jul-16	\$3,800,000
P2-110	Consolidated Demolition and Utility Improvements at Plant 2	Sep-16	\$26,300,000
J-117A	Ocean Outfall System Rehabilitation	Mar-17	\$16,000,000
2-72B	Newhope-Placentia Trunk Replacement	Oct-17	\$44,700,000
P2-107	SCADA System and Network Upgrades	Oct-17	\$17,600,000



OC SANITATION DISTRICT

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resource recovery

MORE THAN A SEWAGE TREATMENT PLANT

Are you a **RESIDENT**?

- > Odor Complaint
- > Report a Spill
- > Construction
- > Sewer Fees



Want to do **BUSINESS** with us?

- > Fees
- > Permits
- > Bids & RFP
- > Regulatory Compliance



What do we **DO**?

- > Tours
- > Programs
- > Speakers
- > GWR System



Want to build a **CAREER**?

- > Job Openings
- > Careers
- > Salary & Benefits





COME JOIN OCSD & OCWD

Saturday, August 13, 2016
10 a.m. – 2 p.m.

Bring your family, friends, and neighbors for...

GAMES

MUSIC

PRIZES

FOOD

GIVEAWAYS

TOURS

and more...



Thank You
www.OCSD.com

