



CWEA TRI - COUNTIES SECTION

MARCH WORKSHOP AND TRAINING SEMINAR

THURSDAY, MARCH 13, 2014 * 8:00 AM - 3:00 PM

CITY OF SANTA BARBARA - EL ESTERO WASTEWATER TREATMENT PLANT

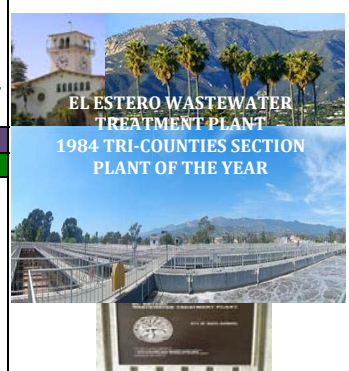
520 EAST YANONALI STREET - SANTA BARBARA - CALIFORNIA 93103

www.cwea.org/TriCounty



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	SESSION 1	SESSION 2	SESSION 3	SESSION 4	SESSION 5	SESSION 6	SESSION 7
	Operations	Maintenance	Collection System	Super Group/ Public Education	Laboratory	P3S	Safety
ROOM	SHT Building	Maintenance Building	Fire Training Center	Lab Receiving Room	Conference Room	Crew Quarter	CSOS Office
Moderator	Nick Steffen City of Simi Valley	Liz Moody Michael Kielborn Cannon Corporation	Justin Graves Goleta Sanitary District	Barbara Langley City of Simi Valley Louis Chiourn City of Santa Barbara	Heather Billing	Lance Lawhon Carpenteria Sanitary District	Keith Cox AMI Pipe & Supply
8:00 - 9:00	REGISTRATION & VENDOR EXHIBITS						
	1A	2A	3A	4A	5A	6A	7A
9:00 - 9:50	Operator Math Back to the Basic Nick Steffen City of Simi Valley	SCADA System Dave Dutcher Cannon	Nozzle Physics Part I John Pujol Advanced Infrastructure	Manage and Master Your Time Barbara Langley City of Simi Valley	Calif. Ocean Plan Update: Recreational Shellfish Fecal Standards, Recommendations and Testing Strategies John Howell Abalone Coast Analytical Lab	Steelhead Trout Recovery in Southern Santa Barbara County Mauricio Gomez South Coast Habitat	Gas Detection Rhett Squires RKI Instruments
	1B	2B	3B	4B	5B	6B	7B
10:00 - 10:50	Using Mathematical Models for Process Optimization Nick Steffen City of Simi Valley	Top Hat Lateral Installation Demonstration Mike Kielborn Cannon Rob Bolger Southwest Pipeline	Nozzle Physics Part II John Pujol Advanced Infrastructure Technologies	Sustainable Income in Retirement Rick Bavetz Society of Financial Awareness	Microscopic Examination of Activated Sludge Gaylen Fair City of Santa Barbara	Process Wastewater Treatment for Wineries and Breweries Shannon Peterson Wallace Group	Fall Arrest Specialist (OUTDOOR) Mark Langford Capital Safety
10:00 - 10:50	PLANT TOUR		PLANT TOUR		PLANT TOUR		
11:00-11:50	OPERATIONS CHALLENGE - VENDOR EXHIBITS						
12:00 - 1:30	LUNCH - DOOR PRIZES						
	1C	2C	3C	4C	5C	6C	7C
1:40 - 2:30	Operator Math Grades 1 - 3 Nick Steffen City of Simi Valley	More to Know About VFDs Vit Dispnaurat Rockwell Drive Specialist	SSO Simulator Louis Gutierrez Esteban Zambrano City of Santa Barbara	California Air Resources Board Mobile Source Emission Regulations & Update Chris Rasmussen ERS / Vacall Equipment	Current and New Regulations Covering Quality Systems William Ray William Ray Consulting	Overview of the Santa Barbara Green Business Program Francis Gilliland Green Business of Santa Barbara County	AED's and Sudden Cardiac Arrest Gabriel Lanum Zoll Medical
1:40-2:30	PLANT TOUR		PLANT TOUR		PLANT TOUR		
	1D	2D	3D	4D	5D	6D	7D
2:40 - 3:30	Co-Generation & Anaerobic Digestion Thomas Welche City of Santa Barbara	Actuators Applications Moe Tahhan Rotork West Coast	Pros & Cons of FOG and Septic Receiving at POTW's Don Roberson Roberson Water Consulting	Public Outreach for Water Conservation Madeline Ward City of Santa Barbara	New Proposed ELAP Regulations William Ray William Ray Consulting	Microalgae Cultivation Using the NASA OMEGA System Dr. Patrick Wiley PERC Water	Confined Space Awareness Class Keith Cox AMI Pipe & Supply
3:30	TCP CONTACT HOURS DISTRIBUTION						
	Organization of _____			Last Name: _____			
	Agency: _____			First Name: _____			
	Address: _____			Signature: _____			
	City/ Zip Code: _____			Date: _____			
	Email: _____						
	Telephone No.: _____						



PLANT INFORMATION

The El Estero WWTP is an 11 million gallons per day Secondary Treatment Facility equipped with a 4.3 million gallons per day Water Reclamation Treatment Facility. At present flow rate, the secondary treatment system is operating at approximately 70% of its capacity, while the recycled system is operating at 42% of its capacity. The El Estero facilities are designed to meet the needs of the City well into the twenty-first century.

Once disinfected the water flows to a 42-inch diameter land/ocean outfall which extends 8,720 feet into the Santa Barbara Channel. At an ocean depth of 70 feet, the treated wastewater is dispersed over the last 720 feet of the outfall.



cwea.org/tricounties/
TCS UPCOMING EVENTS

- > Plant of the Year Workshop : City of Simi Valley, June 12
- > Past President Summer Activities:
 - July 25-26: Picnic & Camp out - Cachuma Lake, Dakota Plains Camp Site
 - July 18: Golf Tournament - Riverridge GC
- > September Workshop : City of SLO , Sept 11
- > Turkey of the Year Award -November 14
- > Certification Test Study : Oxnard PAC, December 4



3:30

IMPORTANT NOTICE TO REGISTRANT!!

IN ORDER TO RECEIVE THE PROPER NUMBER OF CONTACT POINTS, ATTENDEES MUST HAVE THIS WORKSHOP SCHEDULE STAMPED BY THE MODERATOR IN THE APPROPRIATE CLASS OR PLANT TOUR ATTENDED, AS SHOWN ABOVE.

THIS FORM MUST BE RETURNED TO THE REGISTRATION BOOTH BEFORE DEPARTING THE TRAINING WORKSHOP

WORKSHOP ADJOURNS

