

SAN FRANCISCO BAY SECTION
California Water Environment Association

Inkspot



August 2011

**GREETINGS FROM THE
PRESIDENT...**

It's almost August and fortunately we've been spared the oppressive temperatures recently faced in other parts of the country. I guess that's why we live in the Bay Area (at least that's one of the main reasons I live here). Speaking of heat, nothing causes more friction in on work lives than when a project takes an unexpected turn. Although these situations can be challenging to deal with, I find it helps to keep perspective. Having things change or not go the way you expect is almost par for the course. If everything were straight forward then we would not need to have the dedicated professionals we have working in this industry.

Another part of the "perspective" that gets lost during the situations is that regardless of what company, agency or organization you work for, we are all on the same team. 99% of time, the goal of everyone working on the project is to have the project completed successfully. If there are issues that arise, hopefully at the end of the project even though everyone may not get exactly what they wanted, they can say they were treated fairly. Keeping a team approach can go a long way to meeting that goal.

Finally, I want thank the team of volunteers that help the CWEA SF Bay Section running smoothly. We had our annual SFBS committee member appreciation lunch on July 28th. Although many committee volunteers were unable to attend, it was still great to see several of the people working hard behind the scenes on our fantastic committees. In fact, our committees have several great events lined up for August and September, including a "Hands-On" O&M Seminar on August 24th and a Collections Systems Regulations Seminar on September 7th. Also, don't forget our SFBS August Dinner Meeting on August 4th.

I hope to see you around.

Mark Takemoto, 2011 SFBS President

Important Stuff:

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August 4, SFBS Dinner Meeting, Lafayette Park Hotel, Lafayette

August 24, Hands On Seminar, Oro Loma Sanitary District

September 7, Regulatory Compliance Seminar, San Leandro

Spotlight on the Laboratory Committee

The Laboratory Committee is actually a joint Committee of the San Francisco Bay Section and the Santa Clara Valley Section. It started as a joint Committee about 10 years ago when I started working with Bill Elgas from EBMUD. When Bill's other responsibilities took him away from the Lab Committee I carried on with the organizing and planning of Laboratory Training for the two Sections. For several years I was assisted by Sara Burke of Oro Loma Sanitary District.

The most recent training for the Lab Committee was two-day training on Wastewater Microbiology/Biology held at the Wedgewood Banquet Center in San Ramon. The instructor was Victor Santa Cruz a Biologist with the Inland Empire Utilities Agency.

Fifty three attendees were taught the essential functions of the light micro-scope; identification of protozoa, bacteria, and non-living items found in wastewater; and methods for ensuring optimal functioning of a wastewater system based upon microscopic findings. Also covered were the basic interdisciplinary aspects of wastewater: how chemistry, biology, ecology, physics, engineering and common sense bring a different perspective to what goes on in a wastewater treatment plant.

Next on the calendar for the Laboratory Committee is a Review of Standard Methods by Dr. Andrew Eaton. This training will be held on Monday, October 3, 2011 at HS Lordships in Berkeley. Further details to follow.

Cassie Prudhel

PLANT OPERATIONS & MAINTENANCE (O&M) COMMITTEE

Presents a

HANDS-ON SEMINAR

Wednesday, August 24, 2011

8:00 am – 8:30 am: Registration & Coffee

8:30 am – 3:30 pm: Hands-On Seminar

at

Oro Loma Sanitary District

Door Prizes!

Door Prizes!

Registration is \$40 (CWEA members); \$55 (non-members)

Lunch and Refreshments Provided

Attendance is limited to 60 participants – RSVP by August 17, 2010

REGISTER: email (preferred) keely.nelson@lee-ro.com

or call Keely Nelson at (925) 627-3387

Please indicate your CWEA membership status when registering.

Note: If you are unable to attend, please cancel by August 17th, or send a substitute.

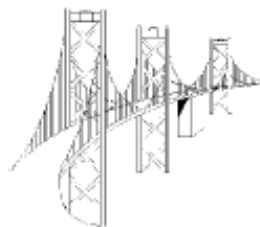
OVERVIEW: Participants will attend five 50-minute hands-on sessions during this day-long training seminar. **A total of 5.5 contact hours are available.** The following equipment and topics will be covered:

- **FLYGT SUBMERSIBLE PUMPS: “SUBMERSIBLE PUMPS OPERATION AND MAINTENANCE”** – *Flygt and Shape Inc. will provide a hands-on teardown of a Flygt submersible pump. We will discuss proper pump repair/ maintenance techniques, major operating components, and pump troubleshooting.*
- **T&T VALVE AND INSTRUMENT, INC.: “VALVES, VALVE ACTUATION & CONTROLS FOR WASTEWATER PUMP STATIONS”** – *This presentation will discuss the optimization of piping systems through innovative technology in valves, actuators, and specialty sewage air valves. The presentation will discuss how to lower power costs and maintenance costs.*
- **ALLEN BRADLEY: “CONFIGURING VFDS FOR WASTEWATER PUMP STATIONS”** – *Hands-on configuration, maintenance, and troubleshooting of low voltage VFDs used in water and waste water applications. Both on-board human machine interfaces (HMI) and programming software will be utilized in the training.*
- **CLIPPER CONTROLS: “WASTEWATER PUMP STATION INSTRUMENTATION”** – *Hands-on demonstration and presentation on using ultrasonic level elements, magmeters, fixed gas detection and other typical instrument devices found in wastewater pump stations.*
- **APG NEUROS HIGH SPEED TURBO BLOWERS: “HIGH SPEED AND HIGHLY EFFICIENT TURBO BLOWERS”** – *APG-Neuros will share the mechanical design, operation, unique blower components, and advantages of high speed turbo blower technology using a fully operational 50 HP demonstration unit.*

DIRECTIONS:

<p><u>From the North</u> Take I-880 South Exit Lewelling Blvd RIGHT onto Lewelling Blvd LEFT onto Washington Ave RIGHT onto Grant Avenue</p>	<p><u>From the South</u> Take I-880 North Exit Hesperian Blvd LEFT onto Hesperian Blvd RIGHT onto Grant Avenue</p>
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**Oro Loma Sanitary District
 Wastewater Treatment Plant and Administration Building
 2655 Grant Avenue
 San Lorenzo, CA 94580-1838**



SAN FRANCISCO BAY SECTION
California Water Environment Association

CWEA San Francisco Bay Section

August 2011 Dinner Meeting

Featuring: Robert Collison, PhD, PE
University of California at Davis

Zeolite/Anammox: A Revolutionary Wastewater Treatment System

The Zeolite/Anammox system is a revolutionary new process for removing ammonium nitrogen from wastewater. Zeolite has been used for nitrogen removal for over 30 years, and anammox was discovered about 10 years ago for treatment of ammonium. The zeolite/anammox system is the first time the two processes have been combined-- resulting in a simple, economical treatment for nitrogen removal.

In commercial wastewater treatment, most nitrogen removal is carried out by nitrification/denitrification, a two step process that is both complex and expensive. Hear about a simpler, cheaper, and more easily operated & maintained system from a UC Davis researcher-- and bring your questions!

Where: Lafayette Park Hotel & Spa
3287 Mt. Diablo Blvd
Lafayette, CA 94596
(925) 283-3700

Dinner: \$30.00 CWEA Members
\$45.00 Non-CWEA Members
\$15.00 Students

When: August 4, 2011
5:00 – Board Meeting
6:00 – Social Hour
7:00 – Dinner
8:00 – Presentation

Menu : (Select One Entrée)
- Grilled Mahi Mahi with
Roasted Summer
Vegetable Quinoa & Fresh
Pineapple Salsa
- Market Vegetable
Wellington (Vegetarian)

Contact: Meg Herston at cweasfbs@aol.com for dinner reservations. Please include your name, menu choice, and agency or company affiliation. If you require special accommodations, please provide a written description of your needs.

Reservation deadline for Dinner Meeting is Monday, August 1st at noon.

REMEMBER – a reservation is a commitment to pay.

Regulatory Compliance Workshop

September 7, 2011

LOCATION:

City of San Leandro
Marina Community Center
15301 Wicks Blvd.,
San Leandro, CA 94579

Registration: 7:30 – 8:00 am
Class: 8:00 am – 2:30 pm
(6.5 Contact Hours)

Overview

SSO's, SSMP, BACWA, RWQCB, what does this mean to wastewater professionals? In an effort to assist public agencies in their efforts to ensure key personnel are aware of and take the steps to comply with relevant laws and regulations, we have comprised a workshop that will focus on these items.

For Reservations Contact:

Patricia DeRouen – Restoration Management (510) 377-1855
or email at: pderouen@restorationmanagement.com

The cost of the workshop is \$60.00 and includes a continental breakfast and lunch - No Refunds.

Make checks payable to CWEA-SFBS and mail to:

c/o Restoration Management Company
535 Getty Ct. Ste. A&B
Benicia, CA 94510

Pre-registration required by: 8/29/11 and checks must be received no later than: 8/31/11

REMEMBER – a reservation is a commitment to pay.

DIRECTIONS:

East Bay

I-80 W to I-880 S ; Marina
Blvd West Exit ; Left on
Merced St. ; Continue on
Wicks Blvd.

Livermore Area

I-580 W to I-238 N ;
Washington Ave Exit ; Left
on Washington Ave; Right on
Lewelling Blvd ; Right on
Wicks Blvd.

South Bay

I-880 North ; Hesperian Blvd
Exit; Right on Hesperian Blvd;
Left on Lewelling Blvd; Right on
Wicks Blvd.

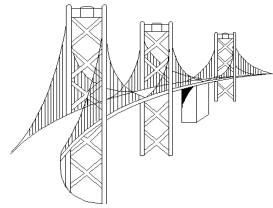


FOR THE CWEA SIGNS

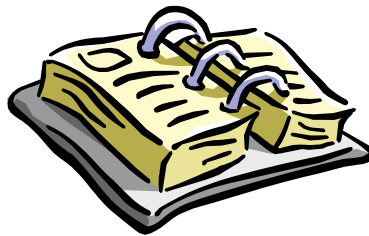
www.cwea.org/sfb

Training brought to you by SFBS Collection System Committee "The Professionals in Collection Systems"





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California Water Environment Association



SFBS CALENDAR

AUGUST 2011	
4	SFBS Dinner Meeting, Lafayette Park Hotel, Lafayette
8	Abstract Deadline for Annual CWEA Conference 2012
24	Hands On Seminar, Oro Loma, Ca
31	Fall TCP Exam Application Deadline
SEPTEMBER 2011	
TBA	SFBS Dinner Meeting, Location TBA
7	Regulatory Compliance Workshop, San Leandro, Ca
21-23	Northern Regional Training Conference, Redding, Ca
27-29	Tri-State Seminar, Primm, Nevada
OCTOBER 2011	
TBA	SFBS Dinner Meeting, Location TBA
15-19	WEFTech Annual Conference Los Angeles, Ca

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