

SAN FRANCISCO BAY SECTION

California Water Environment Association

Inkspot



March 2009

GREETINGS FROM THE PRESIDENT...

2009 is off to a great start. In January, we had a record attendance at the Bay Section's Annual Awards and Installation Banquet. In February, the Student Activities Committee sponsored its Annual Student Night. Students from UC Davis, UC Berkeley, Stanford, Chico State, and San Francisco State attended the student/professional mixer. Paula Kulis, a Ph.D. candidate at the University of Texas at Austin, gave an interesting presentation about Estuarine Hypoxia and Gravity Currents in Corpus Christi Bay.

On February 20, the Bay Section Board and committee chairs met for our annual planning meeting. We were able to discuss plans and goals for the upcoming year. There seems to be a real need to get the Safety Committee up and running again. Roland Williams of Castro Valley Sanitary District is spearheading a group of dedicated individuals to get that committee reactivated. Look for more information to come about the Safety Committee.

As a section, we would like to become more "green". In addition to doing away with paper copies of the Inkspot, we are considering other ways to be more environmentally conscious. Do you have any great ideas for the Bay Section? If so, feel free to contact me or any of the Board members, or consider joining one of our many committees.

Printing Courtesy of Black & Veatch

March is shaping up to be another great month. There are a lot of great training opportunities scheduled in March. Our monthly dinner meeting will be on March 5 at the Walnut Creek Marriott. The Collection Systems Committee is holding a training session on March 11. The topic is "A High Fly Over of the Big 6 of Collection System Maintenance". On March 18, the O&M committee is holding a "Hands on Seminar" at Delta Diablo Sanitary District with presentations from top named vendors. On March 26, the Younger Professionals Forum will be hosting a tour of the Budweiser Brewery followed by dinner and a discussion of the brewery's impact on the municipal wastewater treatment plant. The Lab Committee tentatively has plans for a training session at Hs. Lordships in Berkeley on March 25, 2009. The topic will be: Preparing Your Wastewater Laboratory for the Next CADPH ELAP Audit. I hope that you will be able to take advantage of one or more of these training opportunities. More information for all of these events will be available on the Bay Section website and in the Inkspot.

Florence Wedington, 2009 SFBS President

Important Stuff:

March 5, Dinner Meeting, Marriott, Walnut Creek
March 11, Collection Systems Boot Camp, Marina Community Center, San Leandro
March 18, "Hands on Seminar", Delta Diablo Sanitary District, Antioch
March 25, Preparing Your Wastewater Laboratory for the Next CADPH ELAP Audit, Hs. Lordships, Berkeley (TENTATIVE date and location)
March 26, Budweiser Brewery Tour and Dinner Discussion, Fairfield
April 28 – May 1, CWEA Annual Conference, Palm Springs

CWEA-SFBS is Going Green!!!!

Starting on Earth Day (April 22), we will no longer be providing paper copies of the Inkspot. Please see the SFBS Website for details on how to sign up for the electronic version.

Ramblings from the Editor...

Greetings!!

Imagine yourself thinking you were going to have a fun Saturday working on the house to try to get closer to that ever elusive finish point on the home project...and work calls...CATASTROPHE!!!

One of my operators called to tell me that one of our secondary clarifiers had broken a major support, the mechanism tilted, and the center column broke. The funny thing was (if it can be) this was the clarifier we had evaluated to be in better shape than its twin.

Lucky for the District, we have a great contractor (Double J Enterprises) that dropped everything to come to our rescue. They were there that afternoon developing a repair plan. Fortunately, and this was a big one, we were in the midst of a dry spell and flows were oddly enough at dry ADDWF (in winter!). We limped along on the one clarifier for four days, and then it was time for a few band aids on the lone survivor before it failed. Coincidentally, the same structural member that failed on the first clarifier was cracked and severely corroded and ready to go on the second one. We got lucky!! Both mechanisms have been conditioned so that we can make it to this summer for total mechanism replacement.

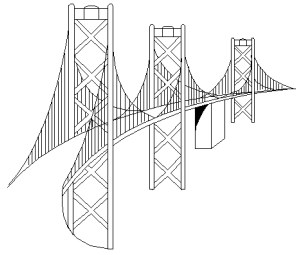
The District solicited bids from clarifier manufacturers and Westech won the mechanism replacement. We are now putting together an installation package for bid soon to be advertised in the West County Times. So if you all know of some good mechanical contractors looking for some work this summer, let them know...

Lastly, I have a question for y'all...to dewater digested sludge, centrifuge, screw press, or belt press???

Hope you all have a great day!

Steve

PS: To committee chairs and event organizers (heard this before!?!). I don't think we are doing our job for our peers if the first your editor hears about an event is when Florence sends me her article for the inkspot the day the inkspot is sent to the printers. PLEASE!!!! PLEASE!!!! SEND ME YOUR STUFF FOR THE INKSPOT SO IT CAN BE INCLUDED!!!!



SAN FRANCISCO BAY SECTION
California Water Environment Association

CWEA San Francisco Bay Section

March 2009 Dinner Meeting

Featuring: Nichole Baker and Eric Wessels
RMC Water and Environment

Implementing a Practical Asset Management Program

Asset Management programs can often be overly complicated and hindering to the agency, rather than providing a clear decision path for agencies to follow. This presentation will provide key practices that utilities can focus on to build a practical asset management program, that supports decisions about when to maintain, repair, rehabilitate and replace existing assets.

Where: **Walnut Creek Marriot**
2355 North Main Street
Walnut Creek, CA 94596
(925) 927-1121

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

When: **March 5, 2009**
5:00 – Board Meeting
6:00 – Social Hour
7:00 – Dinner
8:00 – Presentation

Menu: Grilled Salmon
Macadamia & Rosemary Crusted
Roasted Chicken
Eggplant Involtini

Contact: Mark Takemoto, RMC Water and Environment at cweasfbs@aol.com for dinner reservations. Include your name, menu selection and agency or company affiliation. If you require special accommodations, please provide a written description of your needs.

Reservation deadline for Dinner Meeting is Friday, February 27, 2009.

REMEMBER – a reservation is a commitment to pay.

Directions: Please see direction on the next page.

Walnut Creek Marriott - 2355 North Main Street, Walnut Creek, CA 94596

From I-680 Northbound:

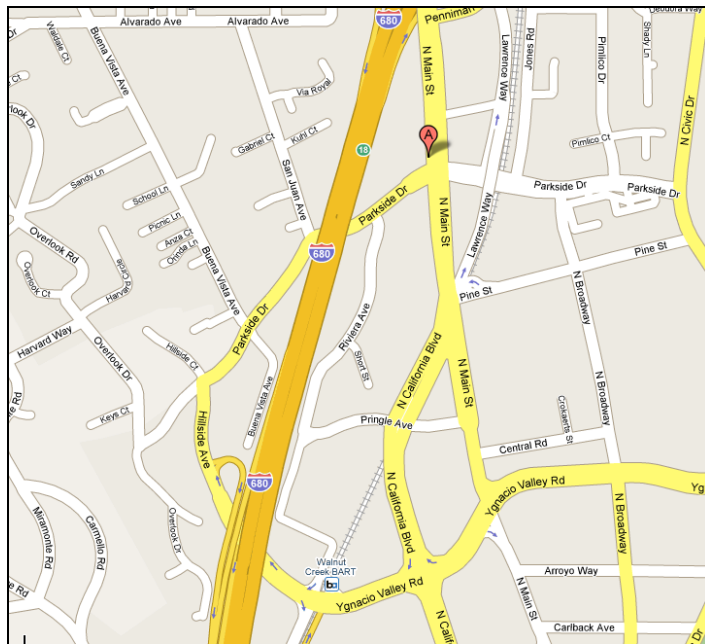
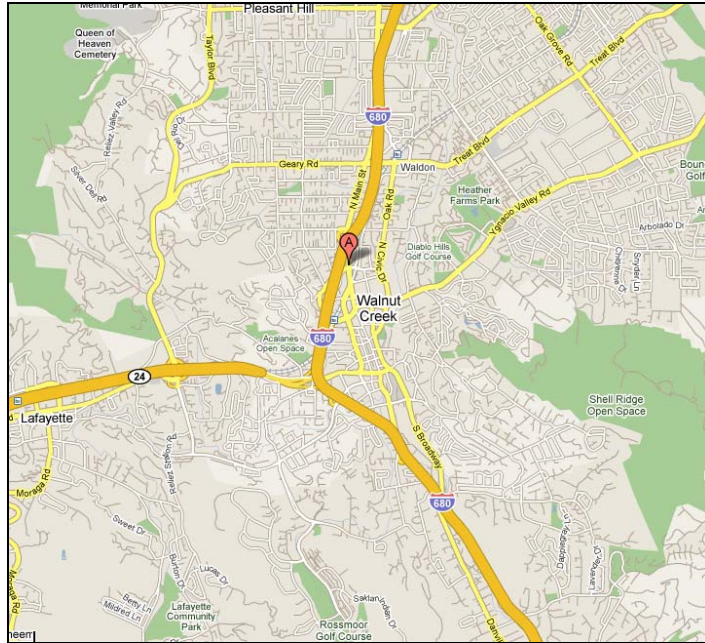
Take exit 18 toward N Main St. Merge onto Kazebeer Rd/Penniman Way. Turn left at N Main St.

From I-680 Southbound:

Take exit 47 to merge onto N Main St.





From Oakland/San Francisco:


Take CA-24 E. Take the I-680 N exit toward Concord/Sacramento. Keep left at the fork to continue toward I-680 N and merge onto I-680 N. Take exit 18 toward N Main St. Merge onto Kazebeer Rd/Penniman Way. Turn left at N Main St.



Need to Earn a Certificate but Missed the Deadline for the January through March testing?

Don't worry. CWEA is now continuously accepting applications for the remaining test windows.

	Test Windows	Application Deadline	Test Dates
	Spring	February 27	April 1 through June 30
	Summer	May 29	July 1 through September 30
	Fall	August 31	October 1 through December 31
	Winter	November 31	January 1 through March 31

 The Spring application deadline is approaching soon. Start advancing in your career. Submit your application today.

Applications are available at www.cwea.org/cert. If you need a copy mailed to you, please contact the CWEA office at (510) 382-7800 x119. Mail your application to 7677 Oakport Street., Suite 600, Oakland, CA 94621 or by fax at 510-382-7810.



SAN FRANCISCO BAY SECTION
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PLANT OPERATIONS & MAINTENANCE (O&M) COMMITTEE

Presents a

HANDS ON SEMINAR

Wednesday, March 18, 2009

8:00 – 8:30 am Registration & Coffee

8:30 am to 3:30 pm

at

Delta Diablo Sanitation District (DDSD)

Registration is \$40.00 (CWEA members) \$55 (non-members)

Lunch and Refreshments Provided

Attendance is limited to 60 participants

**E-mail (preferred) Gervaise.Christiansen@lee-ro.com
or call Gervaise Christiansen at (925) 627.3384, to register**

Note: If you are unable to attend, please cancel by March 13th, 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 presenters are:

- **FOSTER FLOW CONTROL AND T&T VALVE AND INSTRUMENT, INC.** – “*Valve, Valve Actuation & Controls*” We will explore the different valve options based on applications in the wastewater collection and processing industry Hands on examples and samples.
- **ALLEN BRADLEY** – “*Configuring an IntelliCENTER MCC*” O&M Personnel will learn how to use IntelliCENTER software to improve the speed and safety of MCC Maintenance. Exercises include connecting to MCC's, navigating the software, creating custom workspaces, setting parameters, setting up and capturing trend graphs, accessing and adding MCC documentation, using the event log function, using the software to locate HRG Ground Faults, and more.
- **BRANOM INSTRUMENTS** – “*Level Control for Water and Wastewater Applications*” Hands on demonstration and presentation on using ultrasonic, radar, pressure and other instrument devices for level control applications.
- **ABS Pumps** – “*How Pumps Work from the Experts*” Participants will explore what's on the inside.
- **TIMKEN BEARINGS** – “*Bearings: Applications and Maintenance*” The focus will be on general bearing maintenance, including installation, handling, lubrication and damage analysis.
- **ACTIFLOW** – Actiflow will present an on-going side-bar presentation during the day.

DIRECTIONS: DDSD is located at 2500 Pittsburg-Antioch Highway in Antioch, just North of Highway 4 on the Pittsburg-Antioch Highway, between Loveridge and Somersville Roads. The Plant Operations Center is located on the left side of the road. Phone: 925-756-1900



Mobile Crane Operator Certification Testing



Central Contra Costa Sanitary District has contracted with Occupational Safety Training Systems, Inc. (OSTS) to conduct preparation training and coordinate the written and practical testing examinations of the Mobile Crane Operator Certification for recertifying experienced crane operators or certifying those with some past experience. OSTs will perform all classroom work and written testing at our facility beginning Monday, March 23 – Friday, March 27, 2009. OSTs will set up the course at our facility and use our boom truck. Each person will require one hour for the practical test. **Physical examinations must be completed PRIOR to the March 23 classroom date. Application deadline date: March 12, 2009.**

Planned Date	Activity	Responsible	Complete
Feb. 17 – Mar. 12	File Application, Complete Registration and Pay Registration Fees	Participants	By Deadline Date
Mar. 12	Application Deadline with IAI	Participants & OSTs	Mar. 12, 2009
Mar. 23	Practical “Hands-On” Examination	Participants	Mar. 23, 2009
Mar. 24 - 25	Written Preparation Class (2-days)	Participants	Mar. 25, 2009
Mar. 26 – AM	Practical “Hands-On” Examination	Participants	Mar. 26 - Noon
Mar. 26 - PM	Core and Specialty Test	Participants	Mar. 26, 2009
Mar. 27	Practical “Hands-On” Examination (Optional)	Participants	Mar. 27, 2009
May 29	Certification	CCO	

Anticipated cost for Experienced Operators, One Speciality:

Average cost per Student (*15 registered students; includes continental breakfast & lunch): **\$ 870.00**

*Approximate costs are based upon 15 registered participants. The actual costs will vary depending upon the final enrollment.

FOR MORE INFORMATION AND REGISTRATION FORMS:

CONTACT: DIANE M. HINSON, SAFETY OFFICER
 CENTRAL CONTRA COSTA SANITARY DISTRICT
 (925) 229-7222 – OFFICE
 (925) 260-0830 – CELL
 EMAIL: dhinson@centralsan.dst.ca.us

Refer to attached CCO Certification Policies for specific certification requirements.



Certification Policies

ELIGIBILITY

Requirements for certification include the following:

- Be at least 18 years of age
- Meet Medical Requirements
- Comply with NCCCO's Substance Abuse Policy
- Pass Written Examinations (Core and one Specialty)
- Pass Practical Examination(s)
- Comply with the Code of Ethics

PHYSICAL EVALUATION

Certified crane operators must continue to meet ASME B30 physical requirements throughout their certification period and attest to their agreement to this requirement in their application.

Means of compliance with ASME Physical Requirements include, but are not limited to, the following:

- NCCCO Physical Examination Form (Valid for three [3] years)
- A current DOT (Department of Transportation) Medical Examiner's Certificate (Valid for two [2] years)

NCCCO WRITTEN EXAMINATIONS

The Written Examination program consists of a Core Examination in crane operation, as well as four crane Specialty Examinations. The Core Examination has 90 multiple-choice questions. Candidates are allowed 90 minutes to complete the Core Examination.

All Specialty Examinations consist of 26 multiple-choice questions. Candidates are allowed 55 minutes to complete each Specialty Examination.

All candidates are required to take the Core Examination regardless of the specialty(s) in which they wish to be certified.

NCCCO Specialty Examinations:

- Lattice Boom Crawler Cranes (LBC)
- Lattice Boom Truck Cranes (LBT)
- Large Telescopic Boom Cranes (TLL-Swing Cab)
- Small Telescopic Boom Cranes (TSS-Fixed Cab)

Candidates must register for the Core and at least one of the Specialty Examinations. Certification requires competency in both the Core and one or more Specialty categories. Candidates meeting the eligibility requirements may take the Written or Practical Examination in any order.

NCCCO PRACTICAL EXAMINATIONS

The NCCCO Practical Examination demonstrating crane operation proficiency is available in three (3) crane types:

- Lattice Boom Cranes
- Large Telescopic Boom Cranes (Swing Cab)
- Small Telescopic Boom Cranes (Fixed Cab)

A candidate must pass the Written Core and at least one Specialty Examination as well as the corresponding Practical Exam in order to be certified for a five (5) year period.

NCCCO CERTIFICATION TIME FRAMES

Candidates must pass a Written Exam and a Practical Exam in the category they wish to be certified in. Candidates have 12 months after they pass their first exam (Written or Practical) in which to take the corresponding Written or Practical Exam in the same category. Candidates may take their Written and Practical Exams in any order. For example, a candidate passing the Written Exams (Core + Specialty) in the Large Telescopic Crane (Swing Cab) category has 12 months to pass the Large Telescopic Crane Practical Exam.

Candidates who do not take and pass both the Written (Core + Specialty) and Practical Exams within the 12 month time frame will be required to start the certification process again from the beginning.

If a certified candidate subsequently becomes certified in additional specialties, the five (5) year certification period for additional specialties begins at the same time as he/she was originally certified, i.e., all specialties expire on the same date regardless of when in the five (5) year certification period the candidate passed them.



SFBS CALENDAR

MARCH 2009	
2-4	P3S 2009 Conference, Monterey, Ca
5	SFBS Dinner Meeting, Walnut Creek Marriot, Walnut Creek, Ca
5	Math Anxiety Workshop, Vacaville, Ca
11	Collection Systems Boot Camp, Marina Community Center, San Leandro, Ca
18	O&M Committee Hands On Seminar, Delta Diablo, Antioch, Ca
25	Lab Committee Seminar "Preparing Your Wastewater Laboratory for the Next CADPH ELAP Audit", Hs. Lordships, Berkeley, Ca
26	Budweiser Brewery Tour and Dinner, Fairfield, Ca
APRIL 2009	
TBA	SFBS Dinner Meeting, TBA
28-May 1	CWEA Annual Conference, Palm Springs, Ca
MAY 2009	
TBA	SFBS Dinner Meeting, TBA
10	One of the most important days of the year...MOTHERS DAY!!

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