

SAN FRANCISCO BAY SECTION
California Water Environment Association

Inkspot



November 2008

GREETINGS FROM THE PRESIDENT...

As we all cope with the downturn in the economy, there is at least one bright spot for our profession: sanitation is recession-proof. Sure, growth will slow and funding will get tighter, but toilets will continue to flush and the important work that we do every day will still be required.

The Bay Section met for our monthly dinner meeting on October 2 for a presentation by Steve Moore, RWQCB - San Francisco Bay Region. Steve provided insight and opinion on a range of regulation topics pertinent to our region.

The next **SFBS dinner meeting** is on 11/6 at the Walnut Creek Marriott. Alexander Fortin, Whitley Burchett & Associates, will discuss the economics of solar projects and give you the tools to properly evaluate the cost-effectiveness of your own projects. Also at this meeting, the floor will be opened to nominations for the **Second Year Director** board position. Interested candidates should plan to attend the meeting. Please contact any of the board members if you have any questions.

Our committees hosted two training events in October. The Lab Committee hosted the two-day “**Process Science and Troubleshooting for Wastewater Professionals**” on October 8-9. The Collections System Committee held the **Vendor Technology Faire** on 10/22 at the Union Sanitary District. Both events were a huge success. Thanks to all the speakers, vendors, and volunteers for putting on two great events.

Printing Courtesy of Black & Veatch

It looks like the training activities are slowing down as the holidays approach, although November 6 is busy with three events. In addition to the dinner meeting, the SFBS PDC will hold a “**Natural Treatment Systems and Sustainable Technologies for the Wastewater Treatment Industry**” seminar at Hs Lordships in Berkeley. And that same day, CWEA is presenting “**Ethics is for Everyone**” in Elk Grove. Flyers for all three events can be found in this newsletter.

Depending on when you receive and read this article, there may still be a few days left to submit nominations for the **SFBS awards before the 10/31 deadline**. See the included flyer for a list of the awards and other details. And mark your calendars for the **SFBS Annual Awards and Installation Dinner** - January 23 at Scott’s Seafood in Oakland. More details will follow towards the end of the year.

Applications for **2009 Computer Based Testing (CBT)** are now available on the CWEA web site. Computer Based Testing will begin in January 2009. To get prepared, download the **free CWEA study guides** from the CWEA web site.

Kevin O’Toole, 2008 SFBS President

Important Stuff:

- Nov 6** SFBS Dinner Meeting, Marriot, Walnut Creek
- Nov 6** PDC Seminar, Hs Lordships Berkeley (flyer)
- Nov 6** CWEA Ethics Seminar, Elk Grove, Ca

Ramblings from the Editor...

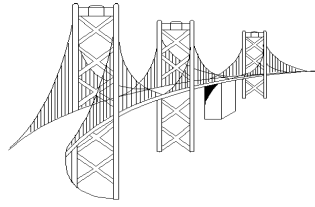
Greetings!

So, here I go again...This is a case of the left hand not knowing what the right hand is doing. It is kind of hard not to name names as there are only a few water purveyors in the east bay. So, EBMUD is asking that all sewer agencies return the portable hydrant water meters. Why? Well, the idea makes perfect sense; we all should stop using potable water to hydro-flush the sewer lines. GREAT IDEA!! Well, I do not think it was well thought out though. Not all agencies have a readily available supply of recycled water to fill the hydro truck with. So...what happens when we have an SSO? Drive for almost one hour to the nearest recycled water fill station to respond to an SSO? NOT A CHANCE. The State would not look too favorably on this delayed response. In fact, I do not want to imagine the penalties we would face for allowing this to happen. I finally was able to convince EBMUD that we need to keep our meter (and I am not alone). RSD will only use potable water to respond to a sewer backup. All water used for routine maintenance will come from the West County Wastewater Facility in Richmond. I fully support the idea of not using potable water but RSD needs time to install the proper recycled water facilities (another project!) so we can fill our hydro truck. I am relieved EMBUD is seeing clearly now.

ARGH!! It's that dreaded leafy time of the year. Yes, my trees are depositing bazillions of tiny leaves on my lawns. The worst part is the leaves are so small, raking them into piles takes a lot of effort (No, I am not *THAT* lazy!). So out comes the blower for some cool fluid dynamics. Maybe someday a bright young student at UC Berkeley will do their thesis on the friction factors associated with leaves and how they affect the turbulence and fluid dynamics of engine powered blower discharge ;-)

Hope you all have a great day!

Steve



SAN FRANCISCO BAY SECTION
California Water Environment Association

CWEA San Francisco Bay Section

November 2008 Dinner Meeting

Featuring: Alexander Fortin, Whitley Burchett and Associates
Does Going Green mean Saving Green? A Review of Solar Project Economics

Implementation of solar photovoltaic projects in water and wastewater treatment plants has increased significantly in California over the last few years. Agencies consider several factors in their decision to proceed with a solar project, but because carbon credit markets are still undervalued, the main drive for a public agency to install solar energy at its facility is commonly the project's cost effectiveness and potential savings. This presentation will lay out information about current electrical energy pricing schedules, power price history and assumptions that are involved in solar power projects to allow a decision based on sound economics rather than perception and imprecise information.

Where: **Marriot, Walnut Creek**
2355 North Main Street
Walnut Creek, CA

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

When: **Thursday, Nov. 6, 2008**
5:00 – Board Meeting
6:00 – Social Hour
7:00 – Dinner
8:00 – Presentation

Choice of: Chicken Alla Sicilana
Roasted Pork Tenderloin
Eggplant Involtini

Contact: Email Polly Villarreal of East Bay Municipal Utility District at cweasfbs@aol.com for dinner reservations. Include your name, agency or company affiliation, and menu selection.

Reservation deadline for Dinner Meeting is Friday, October 31, 2008.

REMEMBER – a reservation is a commitment to pay.

2009 CWEA

San Francisco Bay Section

Awards

Nomination deadline:
October 31, 2008

Nomination forms available at
www.cwea.org/awards.

Return completed nomination forms to:
Rick Chan
Carollo Engineers
2700 Ygnacio Valley Road, Suite 300
Walnut Creek, CA 94598

Winners will be presented at the
Bay Section Awards Banquet on
January 23, 2009.

There are over 20 categories for CWEA awards, which honor CWEA members and wastewater professionals in California. The program serves to recognize outstanding professional achievements within the waste water field, improve the professional status of all personnel working in the wastewater industry and related fields, and stimulate public awareness of the importance of wastewater treatment to public health and the water environment.

Awards are given at the local section level, and winners advance to state competition to be held at the Annual Conference in Palm Springs, CA between April 28 to May 1, 2009.

If you have any questions, please contact Rick Chan at 925-932-1710 or via email at rchan@carollo.com.

Categories:

Collection systems: Person of the Year

Collection systems: System of the Year
Small, Medium, Large

Electrical/Instrumentation: Person of the Year

Engineering: Achievement of the Year

Engineering: Research of the Year

Gimmicks and Gadgets: Gimmick/Gadget of the Year

Laboratory: Person of the Year

Mechanical Technology: Mechanical Technician of
the Year

Operations: Operator of the Year

Plant - Overall: Plant of the Year
Small, Medium, Large

Plant Safety: Plant of the Year
Small, Medium, Large

Pretreatment Pollution Prevention and Stormwater:
Person of the Year

Public Education: Program of the Year

Supervisors: Supervisor of the Year

... and more!



SAN FRANCISCO BAY SECTION

California Water Environment Association

CWEA has announced two new **AWARDS!**

Outstanding Young Professional of the Year and Public Education Person of the Year.

Both awards will be given at the local level with the winners competing at the state level to be awarded at the annual conference in April.

The **Outstanding Young Professional Award** recognizes the up and coming talent in the wastewater industry including, but not limited to, operators, engineers, and laboratory staff. Please contact Jennifer Lee, the CWEA Students and Young Professionals Committee Chair from the North, at jlee@ebmud.com with any questions related to the award and nomination process.

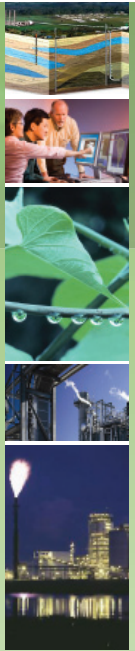
The **Public Education Person of the Year Award** acknowledges the hard work and accomplishments of any CWEA member who has helped to develop or implement education programs for personnel in the water pollution control field or who has implemented or participated in public information/education activities. Please contact Devina Douglas, State Public Education Chairperson, at devinadouglas@yahoo.com with any questions related to the award and nomination process.



SAN FRANCISCO BAY SECTION
California Water Environment Association

CWEA SEMINAR

NATURAL TREATMENT SYSTEMS AND SUSTAINABLE TECHNOLOGIES FOR THE WASTEWATER TREATMENT INDUSTRY



WHO SHOULD ATTEND?

Engineers, operators, managers, and others who are interested in learning the latest developments in Natural Treatment Systems and Sustainable Technologies for the Wastewater Treatment Industry.

SPEAKERS:

Dan Carlson, City of Santa Rosa
Santa Rosa's Composting System

Carlos DeLeon, Black & Veatch
Bioenergy and Greenhouse Gases

Ron Crites, Brown & Caldwell
Soil as a Medium for Treatment

Alex Horne, UC Berkeley
*Overview of Wetlands Treatment Systems:
Satisfying the Needs of Environmental
Engineers and Regulators*

David Sedlak, UC Berkeley
*Fate of Emerging Contaminants in the
Wetland Environment*

Paul Frank, CH2M HILL
*Treatment Wetlands for Reuse and Disposal of
Reverse Osmosis Concentrates in Both Coastal
and Inland Areas of the Southwest*

WHEN:

Thursday, November 6, 2008

8:00am Registration/Breakfast

8:30am – 4:00pm Seminar

Continental breakfast and lunch will be provided.

WHERE:

Hs. Lordships Restaurant

199 Seawall Drive, Berkeley, CA

510-843-2733



For more information, please contact:

Jenny Reina/CH2M HILL

510.587.7778 or jreina@ch2m.com

Dolly Yu Chen/HDR

925.974.2502 or dolly.chen@hdrinc.com

Earn up to 5 CWEA contact hours.

REGISTRATION FORM

NATURAL TREATMENT SYSTEMS AND SUSTAINABLE TECHNOLOGIES FOR THE WASTEWATER TREATMENT INDUSTRY

Early registration is encouraged due to space limitations. Seminar topics and speakers are subject to change without prior notice.

NAME: _____

AGENCY/FIRM: _____

ADDRESS: _____

DAYTIME PHONE: _____ FAX: _____

EMAIL: _____ CHECK NUMBER: _____ *Please make a copy of this filled-in form for your records.*

DO YOU REQUIRE SPECIAL ACCOMMODATIONS? (Please describe): _____

ENCLOSE CHECK PAYABLE TO: **S.F. BAY SECTION, CWEA**

COST:

\$80 for CWEA and CA-NV AWWA members

\$100 for non-members

\$40 for full-time students

Includes continental breakfast, lunch, and refreshments.

Do you want contact hours? YES NO

MAIL TO:

Bing Misra

Dublin San Ramon Services District

7399 Johnson Drive

Pleasanton, CA 94588

EMAIL:

misra@dsrsd.com

PHONE:

925.875.2323

FAX:

925.875.2423

DESIGNED BY:

CH2MHILL



Diane Lawver

Diane Lawver is the President and owner of Quality Assurance Solutions, LLC since 1999. Quality Assurance Solutions is a quality system consulting company for both public and private environmental testing laboratories who wish to continuously improve their quality systems. Ms. Lawver has been a member of WEF since 1989 and was selected for the Quality Assurance award in 1997 by the San Francisco Bay Section of CWEA.

William (Bill) Ray

Bill currently serves as the State Board Quality Assurance Officer Manager. He develops the Board's Quality Management Plan, reviewing data quality issues, and assessing quality systems in the various State and Regional Board programs. Bill worked for the Colorado River Regional Water Quality Control Board in their one-man laboratory. He then transferred to the Sanitation and Radiation Laboratory in Health Services before eventually moving over to laboratory certification. He was in ELAP for 5 years before transferring to the State Board.

Music McCall

Music McCall joined the City of San Diego Mayor's Office of Ethics and Integrity in April 2006. In her role as Assistant Deputy Chief of Ethics and Integrity, she is involved in coordinating, monitoring and directing a variety of ethics programs, including ethics training and the employee ethics hotline. Before joining the City, Music held the position of Media Relations Supervisor for San Diego City Schools, serving there as the first point of contact for international, national and local media where she responded to media requests and proactively pitched media to gain positive coverage of school and district initiatives.

Larry Parlin

Larry is an Operations Specialist with Carollo Engineers. He has 30 years of experience in wastewater treatment plant operations, maintenance and management. He works on a company-wide basis with plant operators and managers to test, start-up, optimize and troubleshoot wastewater treatment plants. He is past President of the Nevada Water Environment Association, a 5S member, a graduate of San Jose State University, and a California Grade 5 wastewater operator.

Roberta Larson

Ms. Larson is a shareholder with Somach, Simmons, & Dunn, a Sacramento law firm specializing in environmental law. Prior to assuming her current position in 2002, Ms. Larson was an advocate with Michael F. Dillon & Associates, where she represented clients before the California Legislature and State regulatory agencies. Ms. Larson's practice at Somach, Simmons & Dunn emphasizes water quality law including, regulatory advocacy, Clean Water Act citizen suit defense, NPDES and recycled water permitting, and total maximum daily load issues.

Tess Dunham

Theresa "Tess" A. Dunham is a shareholder with the law firm of Somach, Simmons, & Dunn in Sacramento. Prior to her current position Ms. Dunham provided environmental consulting services to public agencies and private entities, and was Director of Water Resources for the California Farm Bureau Federation, the state's largest farm organization with more than 94,000 members in California. Ms. Dunham is a graduate of the California Agricultural Leadership Program (Class 29).

CWEA and its Board, members and volunteers are not responsible for the actions of speakers or the contents of their papers, and no endorsement is implied or given of any persons or their philosophies, ideas or statements; nor of any products or processes; nor of any organizations or companies who volunteer to serve as speakers at the conference or exhibitors who purchase display space in the exhibit.



California
Water
Environment
Association

7677 Oakport Street, Suite 600
Oakland, CA 94621



Nov. 4, 2008 in Calabasas

Nov. 6, 2008 in Elk Grove

Brought to you with support of

**Tri-Counties Section &
Sacramento Section**

with the
**California Water Environment
Association**

Non Profit Organization

U.S. Postage

PAID

OAKLAND, CA

Permit # 1483

Ethics IS for Everyone!

Objective you will learn:

- ◆ Learn about ethics and regulatory requirements for operations and the lab
- ◆ Learn how ethics can affect your every day decisions
- ◆ Learn how being in the public eye can affect your agency, yourself, and the industry

Ethics training is a fundamental aspect of your employment and is vital for all wastewater professionals entrusted with protecting the water environment. Come to the training and learn how to win and keep the public's trust.

This training is targeted for all wastewater employees, from collection systems to laboratory to operations to supervisors and managers. The training will give you real world insight and examples that show the link between ethics and public perceptions of our jobs and how being in the public eye can make a difference in how you, your agency, and the industry are valued today and in then future.

This workshop will include realistic work-related scenarios in order to encourage participants to reflect on their own thought processes as they deal with an ethical dilemma. Through facilitated discussions and multi-step models, participants learn about recognizing important decisions and a six-step ethical decision-making process

Many laboratories don't know what constitutes their legally defined requirements and what would constitute data defensible in court. You will be able to view cases where data played a part, discuss the concept of "case law" and look at several state and federal laws relating to laboratories and their data.

There will be a focus on ethical and legal issues raised in wastewater operations, monitoring, and reporting, including both obligations of agency personnel as well as procedural and other rights. Other discussions will include examples of the last 10 years of California prosecutions and civil penalties.

You will earn more about environmental testing data which requires the highest level of integrity. This presentation will discuss proper data handling practices for environmental testing and explicit examples of what not to do as well consequences for improper practices.

Schedule:

8:00—9:00am	Registration
9:00-10:00am	Everyday Ethics for Everyday Decisions Music McCall
10:10—11:00am	Operator Regulatory Responsibilities and Ethics - Larry Parlin
11:10—12:00pm	Laying Down the Law: Dos and Don'ts for Wastewater Agency Staff Roberta Larson - South Tess Dunham - North
12:00—1:00pm	Lunch
1:00—2:30pm	Defining "Legally Defensible for the Laboratory" - Bill Ray
2:45—4:30pm	Ethics & Integrity training for Environmental Test Professionals Diane Lawver

Locations:

Southern Event — November 4, 2008

Las Virgenes Municipal Water District
1731 Malibu Canyon Road
Calabasas, CA 91302
(818) 251-2309

Northern Event — November 6, 2008

Sacramento Regional Waste Water Treatment Plant
8521 Laguna Station Road
Elk Grove, CA 95758
(916) 875-9185



First Name	Last Name	Name for Badge
Agency/Company		
Address		
City	State	Zip Code
Email Address		
Phone	Fax Number	
Emergency Contact	Phone	

___ **Member** CWEA , WEF or CA-NV AWWA Mbr # _____
(Current membership required for member rates)

___ **Special Services:** Please check here if you require special accommodations to fully participate.

Register for:	Member	Non-Member
<input type="checkbox"/> November 4, 2008 Calabasas	\$135.00	\$201.00
<input type="checkbox"/> November 6: 2008 Elk Grove	\$135.00	\$201.00

Total: \$ _____

Method of Payment:

- Check Purchase Order — Must be attached
 Discover American Express Mastercard Visa

Credit Card # _____ Exp. date _____

Name as it appears on card _____

Signature _____

If more than one person from your agency will attend, please submit one form for each person.

Written cancellation notice is required, and must be received at least 15 days prior to the conference date. A 25% service fee shall be retained on all cancellations. No refunds shall be given for cancellations made less than 15 days prior to any conference.

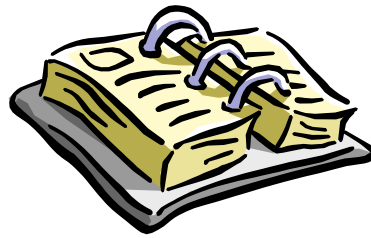
All fees for conference registration shall be paid in full at the time of pre-registration or on-site registration. Full payment may be made by credit card, personal check or company/agency check. Purchase orders are acceptable and must be attached to the registration form. Registrations received by CWEA without full payment or purchase order will not be processed. Pre-registration deadline is 48 hours prior to the each scheduled event.

**CREDIT CARD PAYMENTS MAY BE MAILED TO THE ADDRESS BELOW
OR FAXED TO (510) 382-7810**



California Water Environment Association
7677 Oakport Street, Suite #600
Oakland, CA 94621
Phone: (510) 382-7800 Fax: (510) 382-7810
www.cwea.org

Questions? Call 510-382-7800 x115
Register online at www.cwea.org



SFBS CALENDAR

NOVEMBER 2008	
6	SFBS Dinner Meeting, Marriot, Walnut Creek
6	CWEA “Ethics is for Everyone” Seminar, Elk Grove
6	SFBS “Natural Treatment Systems and Sustainable Technologies” Seminar, Hs. Lordships, Berkeley
27-28	Gobble Gobble!
DECEMBER 2008	
	Happy Holidays!
4	SFBS Dinner Meeting – “Family Night”, Spenger’s Seafood, Berkeley
JANUARY 2008	
23	SFBS Awards Banquet, Scott’s Seafood, Oakland
28	CWEA Biosolids Dewatering Workshop, EMBUD

SF BAY SECTION BOARD OF DIRECTORS AND COMMITTEE CHAIRS

President kotoole@whitleyburchett.com	Kevin O'Toole 925-945-6850	Treasurer kjk@vaengr.com	Kevin Krajewski 510-903-6600
Vice President fwedingt@ebmud.com	Florence Wedington 510-287-1625	Membership fioruccirw@bv.com	Randy Fiorucci 925-949-5950
1 st Year Director cwea_pv@yahoo.com	Polly Vilarreal 510-772-0766	O & M Exchange Greg.DeBois@LEE-RO.com	Greg DeBois 925-937-4050
2 nd Year Director mtakemoto@rmcwater.com	Mark Takemoto 925-627-4100	Professional Development mherston@fssd.com	Meg Herston 707-428-9109
Past President/Awards Chair rchan@carollo.com	Rick Chan 925-932-1710	Safety lgonzalez@centralsan.dst.ca.us	Leo Gonzalez 925-229-0480
Laboratory Committee Cassie Prudhel cassie.prudhel@ssf.net	650-829-3840	Student Activities Cynthia Cano ccano@carollo.com	925-932-1710
Sara Sipes ssipes@sbsa.org	(650) 594-8411, ext. 154	Sandie De Medeiros DeMedeirosSL@cdm.com	925-296-8031
Communications mtakemoto@rmcwater.com	Mark Takemoto 925-627-4100	TCP Officer santosac@worldnet.att.net	Angelino Santos 510-481-6996
Newsletter Editor bealls@rodeosansan.org	Steve Beall 510-799-2970	Collection System tom_herlihy@unionsanitary.com	Tom Herlihy 510-276-4700

San Francisco Bay Section/CWEA
2999 Oak Road, Suite 490
Walnut Creek, CA 94597