



----- LABS Event Engineers Without Borders -----
----- March 22nd World Water Day Celebrated in Santa Monica -----
----- Annual WaterReuse Conference in Newport Beach -----
----- C W E A Security and Disaster Preparedness Specialty Conference in May -----
----- See Page 5 for the LABS Installation Banquet Details -----

April 2008 SEWER LEAKS – A Los Angeles Basin Section of the C W E A Publication



Engineers Without Borders a humanitarian organization dedicated to global partnerships was featured in the March LABS March Training Meeting.



LABS March Event Engineers Without Borders

On March 27, the Los Angeles Basin Section (LABS) of California Water Environment Association (CWEA) hosted a training meeting at Cameron's Seafood in Pasadena. Guest speakers Jenneli Mueller and Joel Cesare discussed the EWB-LA Professional Partners activities. Local opportunities for outreach through Engineers Without Borders such as the upcoming Baja house build on April 19, 2008 were highlighted.



Speakers Jenneli Mueller and Joel Cesare (lt) Attendees enjoy learning about EWB opportunities (ctr and rt)

Engineers Without Borders USA (EWB-USA) is a non-profit humanitarian organization established to partner with developing communities worldwide in order to improve their quality of life. This partnership involves the implementation of sustainable engineering projects, while involving and training internationally responsible engineers and engineering students. EWB-USA consists of 335 professional and student chapters nationwide. Projects encompass a wide range of humanitarian efforts including: agriculture, energy, alternative fuels, construction, environmental, education, health, sanitation, water supply and water treatment.

In order to maximize the effectiveness of these efforts, EWB-USA maintains specific protocols for project definition and execution. Projects encompass a global outreach that includes a presence in: Belize, Benin, Bolivia, Brazil, Cambodia, Cameroon, China, Dominican Republic, Ecuador, El Salvador, Ethiopia, Ghana, Guatemala, Haiti, Honduras, India, Indonesia, Jamaica, Kenya, Macedonia, Madagascar, Malawi, Mali, Mexico, Morocco, Nepal, Nicaragua, Niger, Nigeria, Panama, Peru, Rwanda, Senegal, Sierra Leone, South Africa, Sri Lanka, Sudan, Tanzania, Thailand, Uganda and the USA. The LA Professional Partners chapter of EWB is involved in several aspects of the EWB mission including project work in India, upcoming projects in Haiti and Malawi, mentoring local student EWB chapters and arranging outreach opportunities in our local community.

EWB-USA is committed to designing and implementing engineering projects in developing communities around the world. There is great need in areas ranging from renewable energy to clean water to sustainable enterprise development. EWB-USA project participants are asked to promote high engineering standards by following the American Society of Civil Engineers' Code of Ethics.

EWB-USA held their annual International Conference March 27-30, 2008 at the University of Washington (UW) in Seattle. Highlights from the program included: a welcome Reception hosted by the UW College of Engineering, a presentation by Keynote Speaker William Gates, Sr Co-Chair of the Bill & Melinda Gates Foundation and a presentation by Plenary Speaker Bernard Amadei, EWB-USA Founder.



EWB successful construction project in Uganda

March 22nd World Water Day Celebrated in Santa Monica



On March 22, 2008 hundreds celebrated World Water Day by participating in the Walk for Water in Santa Monica. Festivities began with a performance of the music of Africa. Participants then walked 3 to 6 miles in honor of the journey women and children make every day in “water stressed” countries. It was acknowledged that the time spent fetching water for their families prevents these women and children from pursuing an education, maintaining their households or earning additional income. The Walk for Water helps to draw attention to the world water crisis. The modest acts of many can make an extraordinary difference.

Annual WateReuse Conference in Newport Beach A Success!



Registration (lt) Brent Anton, Joe Zoba, Rod Green, YVWD (ctr lt) Rob Pontureri, Jim Garcia, SWRCB (ctr) Steven Kasower, UC Santa Cruz, Ayman Shawwa, CDM and Attendees (ctr rt), Heather Collins, California Department of Public Health, Joshua Dickenson, WateReuse and Attendees (rt).

On March 24-26, the California Section of the WateReuse Association hosted the 2008 Annual Conference at the Marriott Newport Beach Hotel & Spa in Newport Beach. This year’s theme was "California's Recycled Water: Sailing into the Future."



Mike Duvall, Assembly-member, Tam Doduc, SWRCB, Ane Deister, Brown and Caldwell, Jonas Minton, Planning and Conservation League, Tim Quinn, Association of California Water Agencies (lt to rt)

The conference opened with an inspired keynote address from Orange County Assembly-member Mike Duvall. The energy continued with a Town Hall Session that gave attendees the opportunity to become active participants in the dialog on further implementation of the 2003 Recycled Water Task Force recommendations. Panelists Tam Doduc of the SWRCB, Ane

Deister of Brown and Cauldwell, Jonas Minton of the Planning and Conservation League and Moderator Tim Quinn of the Association of California Water Agencies discussed the status and future of water reuse in California.

Assembly-members Jared Huffman and Hector De La Torre were honored for their legislative work to enhance and expand water recycling in California at the Gordon Cologne Breakfast. Gordon Cologne is the retired state legislator and judge who served as the WaterReuse Association's first lobbyist.

CWEA Security and Disaster Preparedness Conference for Utilities in May



Specialty Conference Speakers: Rick Jones, LA InfraGard CEO (left), Ed Sullivan, EBMUD Business Continuity and Emergency Preparedness Coordinator (center) and Charlie Howell, Security Concepts and Planning CEO (right).

On May 8, 2008 CWEA will host a one-day Specialty Conference titled Security and Disaster Preparedness with the core focus of assisting executive management in the Municipal Utilities sector with the development and implementation of crisis management, strategic turnaround, and growth management strategies. Speakers include: **Don Boland** the Executive Director of the **California Utilities Emergency Association**; **Rick Jones**, President and CEO of **InfraGard** Los Angeles; Special Agent **Regina Canale-Miles**, **Federal Bureau of Investigation** (FBI) Coordinator; **Ed Sullivan**, Business Continuity and Emergency Preparedness Coordinator for **East Bay Municipal Utility District** (EBMUD); **Charlie Howell**, **Security Concepts and Planning** CEO.

The continued operation of an organization depends on management's awareness of the potential impact of natural or man-caused disasters, its ability to develop a plan to minimize disruptions of critical business functions, and the capacity to implement that plan to recover business operations efficiently and in priority order. A business continuity program is an ongoing process to ensure that the necessary steps are taken to identify the impact of potential losses, maintain viable recovery strategies, recovery plans, and continuity of critical services.

The featured speakers will explain the key components of a comprehensive Business Continuity Program Plan (BCPs) and review strategies to assess BCPs for consistency, completeness, and potential conflicts. Case studies will be presented to illustrate the development of recommendations and to ensure the plans meet the agencies needs for business continuity and recovery in conjunction with the agencies Emergency Operations Plan.

The featured speakers will discuss recommendations with respect to relevant policies and procedures, information systems, alternate work locations, and vulnerabilities in several key business functions such as revenue collection. This one-day CWEA Specialty conference will outline the results of the program review process, strategies to measure progress toward implementation of the Business Continuity Program, lessons learned, and recommendations for agencies implementing these programs. Cost **\$140** for CWEA Members, **\$195** for Non-Members Register online at www.cwea.org **Questions? Call 510-382-7800 x115.**



THE **LOS ANGELES BASIN SECTION** OF THE **CWEA**
HOSTS A **DINNER AND TRAINING MEETING**



LACSD's Clearwater Program:

LACSD's Search for Innovative, Cost-Effective Strategies to Meet Future Needs

Thursday, April 24, 2008

Monterey Hill Restaurant

----- On West Ramona Blvd in Monterey Park (on top of hill next to golf course - see map below) -----

--Guest Speakers--

Joe Houghton – Senior Engineer, Facilities Planning Department, LACSD

David Haug – Senior Engineer, Office Engineering Department, LACSD

The Los Angeles County Sanitation Districts (Districts) are in the early stages of one of the most significant wastewater facilities planning and engineering efforts in their 80-year history. Entitled the "Clearwater Program," this effort will include the development of a master facilities plan that will focus on the Joint Outfall System (JOS), the Districts' network of treatment plants and sewers that is projected to serve 6.7 million people by 2050. This plan will provide adequate capacity for a growing population, evaluate opportunities for increased reclaimed water reuse and ensure the JOS remains protective of public health and the environment.

The plan will also evaluate the Districts' aging infrastructure, most importantly, the tunnels and ocean outfalls that convey effluent from the Joint Water Pollution Control Plant in Carson to the Pacific Ocean, and the potential need to construct a new \$1-2 billion discharge system. The two existing effluent tunnels were built in 1937 and 1958, flow full each day, and have not been inspected in nearly 50 years. Joe Houghton and David Haug will provide an overview of the Districts' facilities planning and preliminary engineering efforts for this ambitious program.

Dinner is at 6:30; presentation at 7:15; join us at 6:00 for the mixer if you can.

Dinner Menu:

Meals include one of the following entrees:

- **Roasted Prime Rib of Beef**
With Au Jus and Bordelaise Sauce
- **Pacific Swordfish**
Lemon Beurre Blanc Sauce
- **Baked Chicken Mozzarella**
Basil, Mushroom, Spinach and Cheese
- **Pasta Primavera**
(for vegetarians)

Reservations:

RSVP By MONDAY, April 21nd

RSVP (with one menu choice from above) to Patrick Griffith by e-mail (preferred method) at <mailto:pgriffith@lacsdc.org>

-or-

by phone at 562-908-4288, x-2117

Event Cost: (pay at the door)

Member	\$25
Non-Member	\$30
Student / Retiree	\$15



Handicap Accommodations Available



Address & Phone:

Monterey Hill Restaurant
Sunset Room
(On top of the hill, by the Monterey Park Golf Course)
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Open Chair: Safety

SPECIAL EVENTS CALENDAR

Apr 12 th	Earth Day Fair hosted by LACSD and CBMWD, Whittier www.centralbasin.org
Apr 14 th – 16 th	California Water Environment Association Annual Conference, Sacramento www.cwea.org
Apr 19 th	Baja House Build Engineers Without Borders Cynthia.Lee@swe.org
Apr 24 th	LABS Installation Banquet www.labsofcwea.com
Apr 30 th	American Academy of Environmental Engineers Awards Luncheon, Washington D.C. www.aeee.net/

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