



Bragpara, India girl grins after drinking clean water (above) Satsumilia, India access to clean water improves lives



LABS Hosts Dinner and Training Meeting

On May 24, 2007 the Los Angeles Basin Section (LABS) of CWEA hosted a training meeting at the Monterey Hill Restaurant in Monterey Park. Dr. Helene Baribeau shared experiences from her country tour of Water For People's (WFP) India projects, and she also introduced future expansion strategies of WFP, an international humanitarian non-profit organization committed to helping communities in need of safe drinking water, improved sanitation, and basic hygiene services.

Dr. Baribeau is currently the Team Leader for Water Corps - Rwanda; a program established as part of Water For People's 2007-2011 Strategic Plan, and she chairs WFP Orange County Committee. In 2006 she was presented with the prestigious Kenneth J. Miller award in recognition of her outstanding contributions. As an Associate with Carollo Engineers, Dr. Baribeau specializes in disinfection processes, disinfection by-products, and water quality in distribution systems and storage facilities.



Dr. Helene Baribeau presenting the WFP message in Monterey Park, CA

Dr. Baribeau began with some alarming statistics. For example 90% of wastewater in developing countries is discharged into rivers without treatment and 80% of all sickness and disease worldwide is water related. Perhaps most disturbing is the fact that worldwide a child dies from a preventable water-related illness about once every 15 seconds.

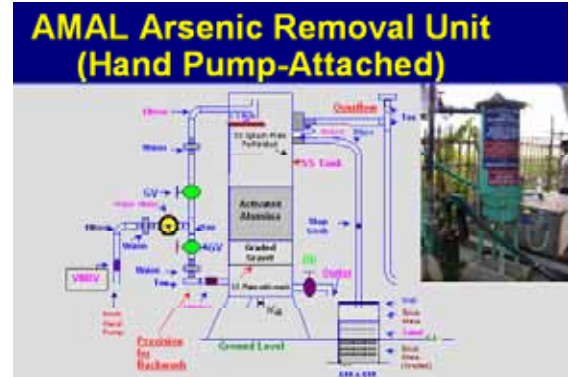
WFP's goal is to provide all people access to safe drinking water and sanitation, so that no one suffers from water or sanitation related diseases. The WFP projects focus on water supply, water treatment, sanitation and education. A key principle of the program is to provide a solution using local resources. Currently WFP is active in five countries, a portion of their strategic plan is to expand their presence to ten countries by 2011.



Dr. Baribeau inspired participants with compelling visual images from her December tour of WFP projects in India, which looked at village community efforts and educational school programs. In particular, arsenic removal is being accomplished in the West Bengal region of India. Much of Bengal and Bangladesh are effected by elevated

arsenic concentrations. Consumption of contaminated water has resulted in a high incidence rate of debilitating arsenicosis in the Ganges River delta region. Due to surface water contamination the region switched to ground water supply sources in the 1970's. Unfortunately, high arsenic levels were detected in regional groundwater in the 1990's. Contaminated groundwater is the source of drinking water for several million people.

One effective solution, designed by the Civil Engineering Department of Bengal Engineering College, Howrah, is the AMAL filter. These filters use activated alumina to reduce the concentrations of arsenic in drinking water to below the permissible limit (0.05 mg/L). The first filter was constructed in 1997. To date 103 filters have been installed. At a cost of about \$1,200 per filter about 200 families (1,000 people) are served. Approximately 30,000 people benefit from the program.



Introduction of enhanced water quality technology represents one aspect of the overall WFP program approach. Community outreach and educational curricula are partnered with technology in order to develop locally available resources to sustain quality of life improvements. This includes the establishing water committees to maintain water sources, upgrading skills to manage infrastructure, and school programs to bring the message home.



Earn CWEA Contact Hours at LABS Dinner and Training Meetings!

You can earn Contact Hours for attending local section training meetings. Just fill out the attendance form and have it signed-off each time by an authorized local section representative. Attendance at 2 dinner meetings will earn 1 Contact Hour.

Photos from International Compost Awareness Week “The Possibilities are Endless... Compost!”



From May 6 - 12, 2007 advocates around the world hosted a multitude of events to promote composting.



Raleigh, NC – the Carolinas Composting Council’s Steering committee met
GA – Governor Sonny Perdue was joined by representatives from government and industry, as he proclaimed May 6-12, 2007 Georgia Compost Awareness Week.
Sacramento, CA – The California Integrated Waste Management Board thinks that if Californians get the "dirt" on compost, more consumers will buy this nutrient-rich soil amendment.

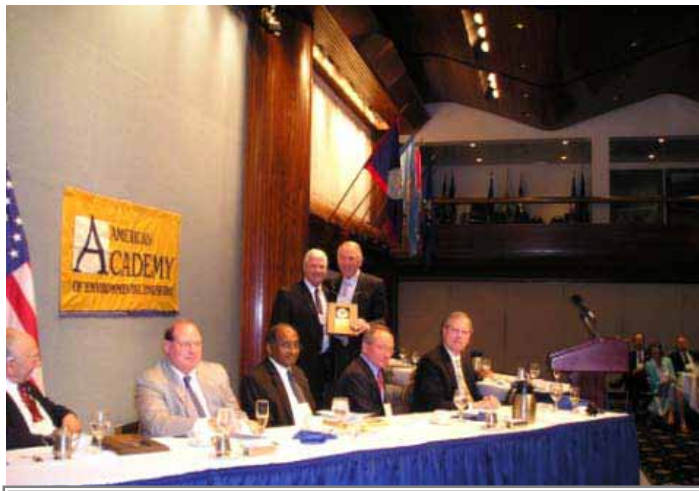
James Stahl Awarded the Prestigious Gordon Maskew Fair Award by AAEE

On May 2, 2007 The American Academy of Environmental Engineers (AAEE) held the Annual AAEE Awards Luncheon at the National Press Club in Washington, D.C. Jim Stahl was awarded Gordon Maskew Fair Award for his contributions to the status of the engineering profession by:

- exemplary professional conduct,
- recognized achievements in the practice of the engineering profession,
- significant contributions to the control of the quality of the world's environment,
- other evidence of merit which advance the Academy's objectives.



James Stahl speaking at the National Press Club in Washington D.C. on May 2, 2007



Steve Maguin and Jim Stahl at the National Press Club in Washington D.C. on May 2, 2007

Recognizing
James F. Stahl, P.E., BCEE
Gordon Maskew Fair Award

Recognizing
Matthew Dominy, P.E., BCEE
Stanley E. Kappe Award

Recognizing
Leo Weaver, P.E., BCEE
Edward J. Cleary Award

Recognizing
Daniel J. Gunaratnam, Ph.D., P.E., BCEE
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Environmental Engineer*

The American Academy of Environmental Engineers is a group of professional engineers who have achieved a distinguished level of certification through applied research and professional experience. The Academy's certification program is accredited by the Council of Engineering and Scientific Specialty Boards. AAEE was founded in 1955 for the principal purpose of serving the public by improving the practice, elevating the standards, and advancing public recognition of environmental engineering.

LABS Awards \$1,500 to the Kirk Brooks Scholarship Fund

On April 19, 2007 at the Annual CWEA Conference in Ontario, Los Angeles Basin Section (LABS) officers present a Check to the Kirk Brooks Scholarship fund. This scholarship opportunity is in need of more applicants. To qualify an applicants sponsor needs have been a CWEA member for at least 6 months. Details at http://www.cwea.org/cwq_cweaglance_desc_scholarship.shtml



LABS past president John Mays (left) and LABS treasurer Daniel Gary (center) present CWEA past president Paula Zeller with a check for \$1,500 for the Kirk Brooks Scholarship

Nobody Walks in LA... 13th Annual “Bike to Work Day” May 17, 2007: Many Local Bike Trails Parallel Area Rivers and Creeks.

For the 13th straight year a record number of cyclists gave bicycle commuting a try and left their cars at home. Residents were encouraged to be part of the solution and bike to work for a better you and for a better LA. Bicycling reduces traffic, improves the environment, improves your health and even saves money on gas. Los Angeles County has resources for riders such as trail maps on their website at <http://www.metro.net/biketowork/riders.htm>

Los Angeles County currently has 251 miles of off-street, exclusive bike paths. In addition, there are 481 miles of designated on-street bike lanes marked by signage. One of the off-street bike paths is the 28-mile San Gabriel River Bike Trail. The bikeway starts in the Angeles National Forest and extends South passing through the Santa Fe Dam recreation area. Here you'll find picnic areas, sports fields, and facilities.



The trail continues to the Whittier Narrows Dam/Legg Lake Recreation Area down to South St., the border between Cerritos and Lakewood. The bikeway is flat - naturally, since it follows the river - and like the rest of Los Angeles' river trails, there's plenty of concrete wasteland along with the wetland, particularly in the Pico Rivera area. But the journey is dotted with parks, horsey neighborhoods and used industrial areas. In some locations bike paths extend along both banks of the river with several pedestrian bridges where you can cross.



Along the San Gabriel River Trail... Horse training near San Jose Creek (left) The Santa Fe Dam recreation area (center) Traffic on the 60 Freeway at the overpass in Whittier (right)

The last 10 miles of the trail extends from Lakewood to the Pacific, where the river marks the boundary between Long Beach and Seal Beach. Here, as the river nears the ocean, sections of the concrete lining give way to rocks and plants.

Electronic Sewer Leaks Version Available

Receive your LABS Sewer Leaks earlier than by mail with the option of receiving an electronic edition. Please contact dgary@lacs.org if you wish to receive an e-mail edition of Sewer Leaks. Stay current on the latest LABS, CWEA, and WEF activities at www.labsocfwea.com

Students Talk Trash at the Puente Hills Landfill ...

On May 24, 2007 7th Graders from Artesia tour the Puente Hills landfill, which is the largest in the nation. Students are introduced to the history of solid waste management in Los Angeles County and encouraged to discuss innovative solutions to future challenges.

7th Graders
from Our
Lady of
Fatima Tour
the Puente
Hills Landfill



Catch Ben Holt of NASA/JPL at the Next LABS Training Meeting



The trouble with Tribbles (*Polygeminus grex*) is that they will not be a menu item for the next LABS meeting June 21st. Set transporter coordinates to Taix Restaurant to see Ben Holt from NASA/JPL discuss the latest satellite imagery results of discharge impacts to Santa Monica Bay. Please see page 7 for more details, and kindly leave your phasers at home.

It's Time for Dodger Baseball Game Tickets

LABS is having the August Past President's event at Dodger stadium this year. There are 50 tickets in Section 8 of the reserve level (just above the right side of the press box level) at \$25 each for Saturday, August 18, 2007 at 7:10 PM. The Dodgers will be playing the Colorado Rockies. Please mail a check only (no cash or credit) for 1 to 4 tickets to John Mays, DCT WR Plant, 6100 Woodley Ave, Van Nuys, CA 91406 (John.Mays@lacity.org 818-767-4138).



May 17, 2007 the San Joaquin Valley Air Pollution Control District Prohibits Burning of Orchard Removals

The Governing Board of the San Joaquin Valley Air Pollution Control District voted on May 17, 2007 to prohibit burning of orchard removals effective June 1, 2007. As a result, farmers must start using alternative methods to dispose of orchard-removal waste, such as chipping, mulching, or composting. The Valley Air District covers eight counties including San Joaquin, Stanislaus, Merced, Madera, Fresno, Kings, Tulare and the valley portion of Kern.



Coastal Pollution Hazards in Southern California Observed by Satellite Imagery

Thursday, June 21, 2007

Taix French Restaurant

----- On Sunset Blvd. in the City of Los Angeles (see map below) -----

--Guest Speaker--

Ben Holt - Research Scientist, Oceanography-Atmosphere Group – JPL Pasadena

Stormwater runoff plumes, municipal wastewater plumes, and natural hydrocarbon seeps are important pollution hazards for the heavily populated Southern California Bight (SCB). Due to their small size, dynamic and episodic nature, these hazards are difficult to sample adequately using traditional in situ oceanographic methods. Complex coastal circulation and persistent cloud cover can further complicate detection and monitoring of these hazards.

At the JPL, Mr. Holt and his team uses fine-resolution imagery from space-borne satellites, complemented by field measurements, to examine these hazards in the SCB. Examples of these pollution hazards will be shown from Santa Monica Bay and San Pedro Bay, including recent observations from the November 2006 Hyperion 1-mile outfall diversion event.

6:00 PM Cocktails & Networking

7:00 PM Dinner

8:00 PM Presentation

Dinner Menu:

Meals include one of the following entrees:

- **Beef Bourguignon**
Tender beef in Burgundy wine sauce
- **Boneless Breast of Chicken**
Grilled with white wine and garlic
- **Pasta Monegasque**
(for vegetarians)

Reservations:

RSVP By MONDAY, June 18th

RSVP to Patrick Griffith by e-mail

at pgriffith@lacsds.org

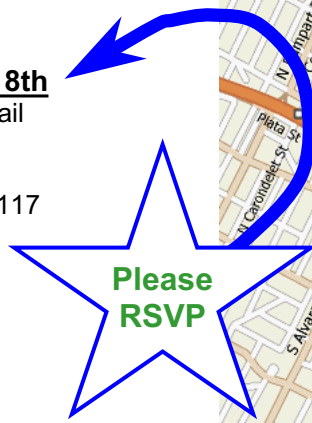
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by phone at 562-908-4288, x-2117

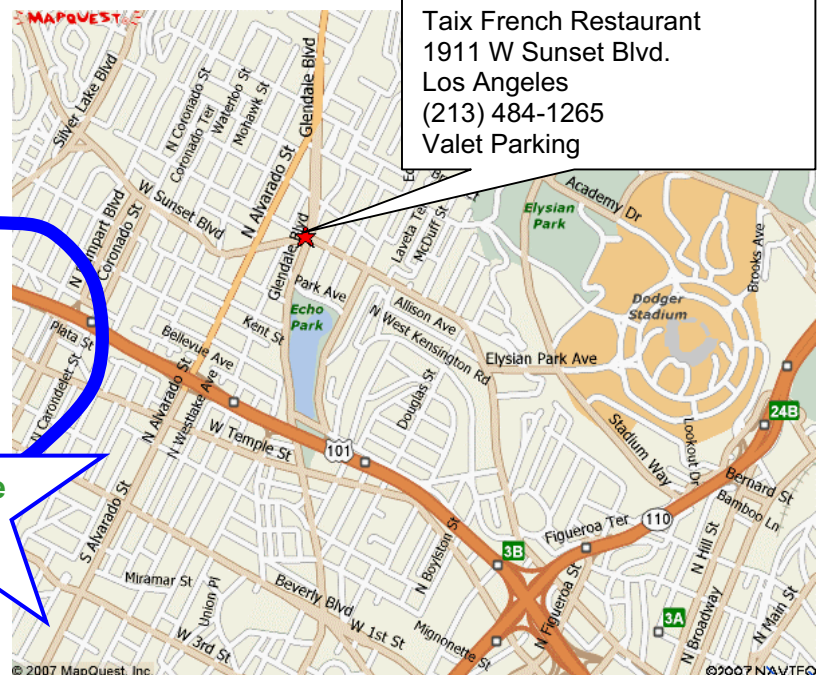
Event Cost:

Member	\$30
Non-Member	\$40
Student / Retiree	\$20

Handicap Accommodations Available



Address & Phone:
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Open Chair: Safety

SPECIAL EVENTS CALENDAR

June 5 & 12	CWEA Specialty Energy Management for Treatment Plants Whittier and Elk Grove http://www.cwea.org/conferences/2007/Lab_2007.pdf
June 16 th	SARBS/CWEA Annual Picnic at Dana Point contact Richard Watz (909) 437-5900 webwatz@aol.com
June 21 st	LABS Training Meeting JPL/NASA Satellite Imagery contact pgriffith@lacsds or 562-908-4288 x-2117
July 26 th	LABS Training Meeting Collection Systems contact pgriffith@lacsds or 562-908-4288 x-2117 tentative date
Aug 18 th	LABS Dodger Game contact John Mays 818 - 778 - 4138 John.Mays@lacity.org

www.projectpartners.com/ps/index.htm

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