



In This Issue:

- State of the San Gabriel River Watershed Symposium Recap -----
- WEFTEC Conference Coming to Los Angeles Oct 15-19 -----
- Plant Maintenance Training Day Flyer ----

# WATER FOR PEOPLE'S EVERYONE EXTRAVAGANZA!

"A Party With a Purpose"



Monday, October 17, 2011

5 p.m. – 7 p.m.

The Conga Room at L.A. Live

Tickets: \$45 in advance, or \$50 at the door. [www.labsofcwea.com](http://www.labsofcwea.com)

Please join Water For People for a "party with a purpose" at WEFTEC 2011. Enjoy great music by Luke Reynolds of the band Guster, cocktails, and hors d'oeuvres. All proceeds from this event will go to support Water For People's important work helping to bring sustainable water, sanitation, and hygiene education solutions to Everyone — every family, every school, and every clinic — in the developing countries where we work.



California  
Water  
Environment  
Association

## LOS ANGELES BASIN SECTION



# COLLECTION SYSTEMS TRAINING DAY

**Nov 3**  
**Hyperion**  
**Wastewater**  
**Treatment Plant**  
**7:30-3:30**

Meet state regulators; local collection system managers; local vendors; and collection system professionals

Four tracks of training including hands-on certification and management seminars.

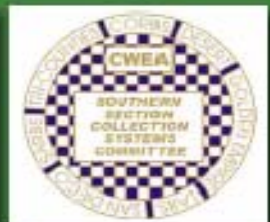
Hosts: City of Los Angeles, Department of Public Works, Bureau of Sanitation

Complete & mail your registration today!

Lunch  
Buffet

Registration  
\$40 CWEA member  
\$50 non-member

Hyperion  
Treatment Plant  
12000 Vista Del Mar  
Los Angeles, CA 90293



[www.labsofcwea.com](http://www.labsofcwea.com)

## State of the San Gabriel River Watershed Symposium Recap

*By Wendy Wert*

On July 20, 2011 the Council for Watershed Health (Council) hosted a State of the San Gabriel River Watershed Symposium, in Whittier, CA. This Symposium presented results from a 5-year State of the Watershed Report, which represents the culmination of a successful, cooperative watershed scale monitoring program. The Symposium opened with remarks from Executive Director, Nancy Steele who set the stage for this collaborative program. Nancy stated that the Council and its partners envision a healthy, sustainable San Gabriel River Watershed that meets the water quality, water supply, recreational and habitat needs of its human and biological communities.



Speakers (lt to rt) Nancy Steele, Brock Bernstein, Sharon Green, Kristy Morris, Eric Stein, and Karen Larsen.

Dr. Brock Bernstein related that in 2004 that key stakeholders formed the San Gabriel River Regional Monitoring Program (SGRRMP) to establish a monitoring framework to go back to the baselines presented in the Clean Water Act and answer the following Questions:

1. What is the condition of the streams in the watershed?
2. Are conditions at the areas of unique interest getting better or worse?
3. Are receiving waters near dischargers meeting water quality objectives?
4. Is it safe to swim?
5. Are locally caught fish safe to eat?

Speaker Sharon Green continued the discussion with an overview of the San Gabriel Watershed, which encompasses over 689 square miles, contains over 1,236 miles of streams that traverse a magnitude of environments on their journey from the San Gabriel Mountains to the Pacific Ocean. The San Gabriel River Watershed supports a population of more than 2.3 million people. Speaker Gary Hildebrand then broadened the discussion to examine the magnitude of diversity that the San Gabriel River Watershed encompasses. The watershed includes 48 cities and three counties. Precipitation throughout the watershed is variable from 27 inches in the mountainous areas to 12 inches observed in the coastal areas in an average year.

Dr. Kristy Morris explained that, since 2005, SGRRMP has performed rigorous scientific monitoring at targeted and randomly selected sites distributed throughout the watershed during dry weather. The program capture data from the mountainous upper watershed, the highly urbanized lower watershed and the main channel. The SGRRMP has successfully shown that an integrated watershed monitoring program can provide context to these essential management questions, while improving monitoring efficiencies.

Speaker Scott Johnson and Dr. Eric Stein answered question 1, by explaining that the stream condition was assessed through the measurement of multiple indicators, which include biological communities, chemicals of concern, toxicity, and physical habitat. In general the healthiest ecosystems were located in the undisturbed portions of the stream, however, higher water toxicity was also found in these areas. Speaker Karen Larsen explored question 2, over a five-year period, the SGRRMP studied three key watershed habitats to determine how chemistry, toxicity, biological communities, and physical habitat conditions might be improving or declining over time. Karen explained that no clear trends emerged over the five years and that a categorical approach could support resource optimization. Speaker Phil Markle, on question 3, explained that nearly every chemical constituent, including nutrients, metals and organics that were assessed against a water quality standards were within the Basin Plan thresholds regarded as safe for human and aquatic life. Phil also detailed the few exceedances that were observed during the 5-year study: diazinon, a pesticide that EPA has banned and ammonia, which was reduced through treatment of discharged waters. Speakers Gerry Greene, Bernard Franklin, Jim Hughes, and Lisa Northrop discussed question 4, the human health implications associated with swimming in the streams and lakes in the watershed. E. coli levels during 2007-2009 were typically below California standards indicating that it is safe to swim, with occasional exceedances on weekends or holidays when recreational use was high. Speakers Michael Lyons, Shannon Grund, and Scott Johnson explained question 5, by stating three fish species (tilapia, red ear sunfish, and bluegill) did not exceed consumption thresholds, while largemouth bass, striped millet and common carp caught in certain areas had contaminants at levels that warrant limiting consumption by humans.



Attendees in Whittier (lt), Speakers Jim Hughes, Lisa Northrop, Bernard Franklin and Gerry Greene (rt).

Keynote Speaker, the Honorable Mary Ann Lutz then presented a challenging view of the path forward for the stewards of the San Gabriel River Watershed. There are apparent contradictions in watershed goals and resource allocations. Historically, new regulations have promulgated litigation in this region. Litigation does not result in improvements in water quality, but rather further depletes already taxed resources. The path forward then is through an integrated approach to water quality that establishes a collaborative cooperative culture, which supports the development of effective science based regulations. Mary Ann challenged cities and counties to acknowledge that environmental quality is one of the many vital services that they are commissioned to provide.



## WEFTEC Conference Coming to Los Angeles Oct 15-19

By WEF - Los Angeles will host the largest and most significant water quality event in North America when WEF convenes the 84th Annual Technical Exhibition and Conference at the LA Convention Center October 15-19. With attendance at around 17,000 professional the event will have an economic impact of around \$30 million. To register visit [www.weftec.org](http://www.weftec.org).

Here are just a few Los Angeles speakers. Spot someone you know? Don't miss their presentation!

- Berko, Kwasi, City of Los Angeles ~ Wet Weather Hydrodynamic Modeling as a Planning Tool for the City of Los Angeles
- Cox, Huub, City of Los Angeles ~ Multi-Agency Approach to Implementing the Monitoring Requirements of the Ballona Creek Metals and Estuary Toxic Pollutants TMDL
- Drennan, Philippa, Loyola Marymount University ~ Green Roofs: Developing a Native Plant Palette for Use in Southern California
- Eskridge, Kari, LA County DPW ~ Reducing SSO's through CCTV Inspection
- Flores, Michael, RMC Water and Environment ~ Implementation of a Risk-Based Approach to Sanitary Sewer Asset Management (71)
- Hanks, Keith, City of Los Angeles ~ Los Angeles Sewers, Past, Present, and Future
- Jackson-Fossett, Cora, City of Los Angeles ~ Dangerous Liasons: How Stakeholders Can Make or Break Your Wastewater Projects
- Lau, Rowena, City of Los Angeles ~ Impacts of Sewer Capacity Assessment in Los Angeles
- Lee, Andy, LACSD ~ Removing Hydrogen Sulfide from Digester Gas Using Aerobic and Anoxic Biological Trickling Filters
- Lew, Albert, City of Los Angeles ~ A Los Angeles Marathon – Building 60 Miles of Sewers a Year
- Mansell, Bruce, Los Angeles County Sanitation Districts ~ Pilot-Scale Testing of a High Recovery NF/RO Integrated Treatment System for Indirect Potable Reuse (48)
- Munakata, Naoko, LACSD ~ AOP Treatment of Nitrosamines in Recycled Water
- Smal, Nick, LACSD ~ Pilot Study of Advanced Treatment Processes to Recycle JWPCP Secondary Effluent
- Tremblay, Ray, LACSD ~ Maximizing Recycled Water Use in Southern California
- Villacorta, Brian, LACSD ~ Service and Success Go Hand-in-Hand: A Look at the LACSD Engineering Mentoring Program





California  
Water  
Environment  
Association

# LOS ANGELES BASIN SECTION

Up to  
5 contact  
hours!



Photo by Paul Cockrell



# PLANT MAINTENANCE TRAINING DAY

**Nov 3**  
**Hyperion**  
**Wastewater**  
**Treatment Plant**  
**7:30-3:30**

CWEA plant maintenance math review; submersible pump maintenance; VFD maintenance tips and tricks

PLC controller maintenance and trouble shooting; plus great buffet lunch and door prizes!

Hosts: City of Los Angeles, Department of Public Works, Bureau of Sanitation

## CONCURRENT SEMINAR: Collections Systems Training Day

Complete and mail your registration today

|              |                                     |
|--------------|-------------------------------------|
| <b>Lunch</b> | <b>Registration</b>                 |
| Buffet       | \$40 CWEA member<br>\$50 non-member |

**Hyperion**  
**Treatment Plant**  
12000 Vista Del Mar  
Los Angeles, CA 90293

[www.LABSofCWEA.com](http://www.LABSofCWEA.com)







# Brown AND Caldwell

[www.brownandcaldwell.com](http://www.brownandcaldwell.com)

**John Biggs, P.E.**  
801 S Figueroa St # 950  
Los Angeles, CA 90017  
ph: 213-271-2300  
fax: 213-271-2320  
jbiggs@brwnncald.com

# SMARTCOVER<sup>®</sup>

Monitoring & Alarm System

## HADRONEX

[mysmartcover.com](http://mysmartcover.com)

760.291.1980



*Engineering Excellence  
in Water & Envirostructure*

[www.lee-ro.com](http://www.lee-ro.com)

**Dhiru Patel, P.E.**  
Vice President  
1199 S. Fullerton Rd.  
City of Industry, CA 91748  
ph: 626-912-3391, x209  
fax: 626-912-2015  
dhiru-p@lee-ro.com

# MARCAB COMPANY, INC.

[www.marcabcoinc.com](http://www.marcabcoinc.com)

**Kris Brooks**  
155 Balboa St. Suite D-9  
San Marcos, CA 92069  
ph: 760-510-8030  
fax: 760-510-8031



[www.miscowater.com](http://www.miscowater.com)

**Chris McCampbell**  
27101 Burbank, Suite B  
Foothill Ranch, CA 92610  
(949) 458-5555  
(949) 458-5500 Fax  
cmccampbell@miscowater.com

Muffin Monster<sup>®</sup>  
Auger Monster<sup>®</sup>  
Honey Monster<sup>®</sup> septage receiving  
Finescreen Monster<sup>®</sup>  
Bandscreen Monster<sup>®</sup>  
Drumscreen Monster<sup>®</sup>  
Screenings Washer Monster<sup>®</sup>  
Represented by Misco Water



[www.jwce.com](http://www.jwce.com)



[www.mwhglobal.com](http://www.mwhglobal.com) • [Pei-Chin.Low@mwhglobal.com](mailto:Pei-Chin.Low@mwhglobal.com)

**Pei-Chin Low, P.E.**  
Supervising Engineer  
618 Michilinda Ave. Ste. 200  
Arcadia, California 91007  
ph: 626-568-6999  
Fax: 626-568-6102



[www.plumbersdepotinc.com](http://www.plumbersdepotinc.com) • [jose.martin@plumbersdepotinc.com](mailto:jose.martin@plumbersdepotinc.com)

**Jose Martin**  
President  
3921 West 139th Street  
Hawthorne, CA 90250  
ph: (310) 355-1700  
fax: (310) 355-1711



[www.rainforrent.com](http://www.rainforrent.com)

**Anthony Gaddie**  
Branch Manager  
1301 E Spring St  
Long Beach, CA 90806  
ph: 562-595-7760  
cell: 562-254-0800  
agaddie@rainforrent.com



[www.rmewater.com](http://www.rmewater.com)

2400 Broadway Ste. 300  
Santa Monica, CA 90404  
310-566-6460 ph  
310-566-6461 fax

*Innovative Solutions for  
Water and the Environment*

# SS MECHANICAL CORP.

SPECIALTY PIPING SYSTEMS  
GENERAL ENGINEERING CONTRACTOR

Lic. 686371

**Steven Stump**  
17631 Metzler Lane  
Huntington Beach, CA 92647

ph: 714-847-1317  
fax: 714-847-6907  
[www.ssmechanical.biz](http://www.ssmechanical.biz)



[www.sancon.com](http://www.sancon.com)

**Chuck Parsons**  
5841 Engineer Dr.  
Huntington Bch., CA 92649  
chuck@sancon.com  
ph: 714-891-2323  
ph: 800-726-2664  
fax: 714-891-2524  
cell: 714-231-3630  
Contr. Lic. 731797

## NATIONAL PLANT SERVICES, INC.

*The Environmental Protection Specialists*  
California Contractor's License #351503

**Dennis Keene**

1461 Harbor Avenue  
Long Beach, CA 90813-2741

[www.nationalplant.com](http://www.nationalplant.com)

E-Mail: [dennis.keene@nationalplant.com](mailto:dennis.keene@nationalplant.com)

Phone: 562-436-7600  
Fax: 562-495-1528

Toll Free: 1-800-445-3614



Help sponsor LABS for  
only \$120/year!

Contact John Biggs  
Corporate Director  
213-271-2300  
jbiggs@brwnncald.com

Full Range of Guaranteed Sewer Maintenance Services

## Sewer Leaks Editor

Bat Copeland  
1955 Workman Mill Rd.  
Whittier, CA 90601



### LABS Board of Directors

|                     |                                |                       |
|---------------------|--------------------------------|-----------------------|
| President:          | <a href="#">Wendy Wert</a>     | (562) 908-4288 x-2128 |
| Vice President:     | <a href="#">Alec Mackie</a>    | (714) 428-4614        |
| Director-at-Large:  | <a href="#">Basil Hewitt</a>   | (562) 908-4288 x-2311 |
| Director-Secretary: | <a href="#">Amanda Schmidt</a> | (310) 566-6460        |
| Director-Corporate: | <a href="#">John Biggs</a>     | (213) 271-2236        |
| Director-Treasurer: | <a href="#">Ian Mackenzie</a>  | (310) 648-6134        |
| Past President:     | <a href="#">Hala Titus</a>     | (213) 312-3330        |

#### Address Changes

Please contact Marge Okabe at (310) 375-0448 or email

[labsofcwea@hotmail.com](mailto:labsofcwea@hotmail.com)

### LABS Committee Chairs

|                         |                   |                       |
|-------------------------|-------------------|-----------------------|
| Programs:               | Alec Mackie       | (714) 428-4614        |
| Newsletter:             | Matthew Copeland  | (562) 908-4288 x-2180 |
| Membership:             | Marge Okabe       | (310) 375-0448        |
| WW Treatment & Reuse:   | Mischelle Mische  | (562) 908-4288 x-2488 |
| Awards:                 | Hala Titus        | (213) 312-3330        |
| TCP:                    | John Mays         |                       |
| TCP:                    | Kent McIntosh     | (562) 908-4288 x-6616 |
| Supergroup:             | Dan Gary          | (310) 830-2400 x-5316 |
| P3S Representative:     | John Boyd         | (562) 760-6125        |
| Collection Systems:     | Michael Flores    | (310) 566-6460        |
| Public Education        | Michael Simpson   | (323) 342-6047        |
| Operator Certification: | Francisco Ramirez | (310) 648-5857        |
| Webmaster:              | Miluska Propersi  | (310) 566-6460        |
| Young Professionals:    | Nicole You        | (323) 342-6265        |
| Outreach Coordinator:   | Erika DeHollan    | (562) 908-4288 x-2836 |

### CWEA Liaisons

|                    |                 |                       |
|--------------------|-----------------|-----------------------|
| CWEA Board Liason: | Debra Bogdanoff | (562) 908-4288 x-2734 |
|--------------------|-----------------|-----------------------|

### SPECIAL EVENTS CALENDAR

|                         |  |
|-------------------------|--|
| Oct 15-19 <sup>th</sup> | WEFTEC; Downtown, Los Angeles, <a href="http://www.weftec.org">www.weftec.org</a>  |
| Oct 16 <sup>th</sup>    | 4 <sup>th</sup> Annual Bike Ride for Water for People; LA, <a href="http://www.waterforpeople.org">www.waterforpeople.org</a>      |
| Oct 17 <sup>th</sup>    | Everyone Extravaganza; The Conga Room, LA Live, <a href="http://www.waterforpeople.org">www.waterforpeople.org</a>                 |
| Nov 3 <sup>rd</sup>     | LA's Collection System and Plant Maintenance Training Day; Los Angeles, <a href="http://www.labsofcwea.com">www.labsofcwea.com</a> |
| Nov 10 <sup>th</sup>    | IW Tour; Location TBD, <a href="http://www.labsofcwea.com">www.labsofcwea.com</a>  |

### HAVE AN IDEA FOR LABS TRAINING?

Send your presentation, seminar or training ideas to [alecm@jwce.com](mailto:alecm@jwce.com) for consideration

<http://www.labsofcwea.com/>  
<http://www.cwea.org/>  
<http://www.wef.org/>