

March 26, 2014

Flash No. 44

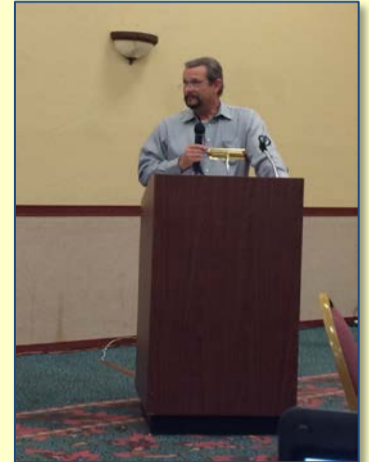
March Luncheon

Our Speaker for the **Wednesday, March 26, 2014** luncheon (11:30 am – 1:30 pm at the Hotel Tucson, 475 North Granada Avenue) will be **Ms. Marie Light of Pima County Department of Environmental Quality**, who will be discussing the Stormwater Management Program. Ms. Light has a Bachelor's degree in Geology from the University of Arizona and is a hydrologist and a Certified Municipal Separate Storm Sewer System Specialist (CMS4S). She implements the Stormwater Management Program to keep storm water clean and develops innovative ways of using rainfall as a water source.

In her 30 year career, she added 195,000 acre-feet of water to the annual water supply by building and managing recharge projects, and is now exploring how to match this volume through low impact developments (LID). She coordinated the 2012 Arid LID Conference in Tucson to broaden the number of people aware of this technique. Marie's mission is to preserve and protect the environment so people have a high quality of life. The success of her work is based on knowledge of the local hydrogeology, a practical approach to operating facilities, the ability to maintain compliance with regulatory requirements, and a joy in sharing how to live in harmony with the environment.

February Luncheon Summary

Mr. Dan Brennan, custodial manager with Raytheon Missile Systems, spoke to the SAEMS group at the February luncheon meeting about the positive environmental and safety impacts with installing Lotus Pro ozonated water systems to clean the Tucson Raytheon plant sites. Ozone is a powerful sanitizer that neutralizes odors, kills bacteria, destroys viruses, and eliminates fungi, mold, and allergens. Ozonated water has been used historically in water treatment, food sterilization, and medical therapies. Dan explained the safety aspects of using ozonated water instead of chemicals and how Raytheon was able to save about \$500,000 in one year by switching to the Lotus Pro cleaning systems. Ozonated water is 100% chemical free – no toxins, no carcinogens, no chemical residues, and no inhalation hazards. Workers do not need to be protected from any chemicals when using the system, there are no hazardous chemical purchases necessary, and there is no waste generation; it is the perfect environmentally friendly cleaner.



SAEMS thanks **Civil & Environmental Consultants, Inc.** for being the February luncheon sponsor! **Mr. Mukonde Chama, P.E.** gave a brief presentation introducing his organization. Maybe your company would also like to be a luncheon sponsor? Contact Heather Spitzer at Heather.M.Spitzer@raytheon.com for more information.

Update on Tucson Clean and Beautiful Youth Environmental Education Mini-Grants

Also presenting during the February luncheon was **Ms. Caryl Crowell**, a staff member from **Borton Magnet School in the TUSD**, which received a \$500 environmental education mini-grant awarded in 2013. The mini-grants for Tucson area schools were jointly funded by Tucson Clean and Beautiful (TCB), SAEMS, and the Arizona Native Plant Society. Borton Magnet School, 700 East 22nd Street, has made an outstanding effort in reducing their school's carbon footprint through energy efficiency patrols, improved recycling, waste reduction, switching to reusable items, composting, and planting trees to shade and beautify their campus – just to name a few! We are looking forward to supporting additional school projects through the SAEMS-TCB-AZ Native Plant Society collaboration!

The 2014 School Environmental Mini-grants Application is Now Available! School and youth focused groups can receive cash funding of \$100-500 to jumpstart effective youth environmental projects, plus qualify for added support through Trees for Tucson and Adopt-a-Park for trees and supplies. Applications are due April 4, 2014. The form is available at www.tucsoncleanandbeautiful.org – scroll down the page to "Announcements." For more information and questions, email tcb@tucsonaz.gov or call (520) 837-6832.

Annual RCRA Seminar – SAEMS & RCRA: In Focus

SAEMS upcoming annual one day **RCRA Seminar** will be held on **Thursday, May 15, 2014** from 7:30 AM – 4:30 PM at the Hilton Tucson East, 7600 East Broadway, Tucson, Arizona 85710. The seminar registration and sponsorship form are posted on our website at http://www.saems.org/seminars_frameset.htm.

* Looking for more volunteers to help make this event a success! Join us for a planning meeting after the March luncheon. *



Annual Earth Day Festival

The upcoming annual **Tucson Earth Day Festival – Light The Way To A Brighter Future** – will be held at Reid Park on **Saturday April 12, 2014** from 9 AM – 2 PM. Go to the Earth Day Festival link at <http://www.tucsonearthday.org/>.

SAEMS Adopt A Highway Cleanup – April 19, 2014 – Always looking for new recruits!!!

The next SAEMS Adopt A Highway Cleanup is scheduled for **Saturday April 19, 2014 (yes, Easter weekend)**. Volunteers will meet at 8:00 AM sharp at the Sonoita exit, off of I-10. Park in the dirt lot south of I-10. We will leave the parking area by 8:10 AM after the safety meeting. SAEMS volunteers for a one-mile stretch of highway east of the Sonoita exit. Volunteers must be 12 years of age or older and if under 18, accompanied by a parent or guardian. Volunteers should wear long pants, long sleeves, closed toe shoes, hat, and sunscreen. SAEMS will provide safety vests, leather gloves, litter grabbers, and collection bags. Also bottled water and snacks will be available. SAEMS will host a lunch after the cleanup. A prize will be given for the most interesting treasure found. Please contact the event coordinator, Dan Williams, at Dan_Williams@kindermorgan.com to RSVP or if you have questions.

PAYMENT TIP:

SAEMS lunch and seminar attendees are requested to use PayPal for payments whenever possible. Financial charges for using PayPal are about 2.7% and the charge for using a credit card averages 4.8%. Last fiscal year SAEMS spent \$1,600 on financial fees. If everyone used PayPal, we could cut the costs in half and have \$1,000 more for scholarships. As an added bonus, pre-paying on PayPal allows members to fast forward through the lunch or seminar check-in line.

Upcoming Household Hazardous Waste Collection Events

April 5, 2014, 8 AM to Noon
Eastside Service Center
7575 East Speedway Boulevard

Every Friday and Saturday, 8 AM to Noon
Main Site
2440 West Sweetwater Drive

April 12, 2014, 8 AM to Noon
T.O. Price Service Center
4004 South Park Ave

Every Monday through Saturday, 6 AM to 5 PM
Los Reales Landfill
5300 East Los Reales Road

April 19, 2014, 8 AM to Noon, Green Valley

For more information on materials you can dispose, business programs, etc., go to the City of Tucson website at http://cms3.tucsonaz.gov/es/household_hazardous_waste or contact Frank Bonillas at Frank.Bonillas@tucsonaz.gov.

WRRC Brown Bag Seminars

Attend the University of Arizona Water Resources Research Center weekly brown bag lunch seminars at the Sol Resnick Conference Room at 350 North Campbell Avenue. Please see their website at <http://wrrc.arizona.edu/events/brownbag> for a schedule of topics. For more information, contact Jane Cripps at jcripps@cals.arizona.edu or (520) 621-2526.

Job Announcement

Wells Fargo has posted a job announcement for an Environmental Client Representative. For more information visit their website at <https://www.wellsfargo.com/careers/>. The closing date is April 4, 2014. The job announcement will also be posted on the SAEMS website at http://www.saems.org/job_openings_frameset.htm.

SAEMS Website Updates

See the latest information on the SAEMS website, including seminar, luncheon, and scholarship information, previous luncheon presentations, Trash & Bash updates, ADOT press release regarding our Trash & Bash volunteers, Executive Committee meeting notes, financial information, News Flash archives, etc.! Members can access the current membership directory (to be updated soon) under the Members tab on the website (www.saems.org) or [Click Here](#), and then enter the member user name and password. New passwords will be sent out to current members soon, so watch your inboxes.

Water Resources Research Center (WRRC) 2014 Annual Conference – Closing the Gap Between Water Supply and Demand

The conference is being held **Tuesday, April 8, 2014** at The University of Arizona Student Union Memorial Center in collaboration with Arizona Department of Water Resources (ADWR) on balancing the scales of water supply and demand in Arizona. A special poster session will celebrate the WRRC's 50th anniversary. Keynote speakers include Michael Lacey (Acting Director, ADWR) and Kay Brothers (Co-Chair, Colorado River Basin Study Next Steps Working Groups Coordination Team). The conference will close with a panel discussion and Q&A session led by WRRC Director Sharon B. Megdal on, "Closing the Gap: How can we do it?" Registration is \$100 until March 6, 2014 (after March 6, \$125) and \$35 for students. To access registration, the agenda, a poster abstract submission form, and other information go to: wrrc.arizona.edu/conference.

ADEQ Annual Emissions Inventory Workshops

The Arizona Department of Environmental Quality will be holding several workshops that will focus on several air quality topics. Space is limited so RSVP to burton.michael@azdeq.gov if you plan on attending one of the following workshops:

Phoenix – April 3rd, 2014, ADEQ, Room 3175, 111 W. Washington St., Phoenix, AZ. Free parking available in ground level ADEQ parking garage at the northwest corner of Washington Street and 10th Avenue (use the Washington Street entrance to access the lower level).

Flagstaff – April 9th, 2014, AZ Game and Fish, 3500 S. Lake Mary Rd., Flagstaff, AZ 86001. Free parking available on site.

Tucson – April 21st, 2014, ADEQ Southern Regional Office Room 444, Tucson, Arizona 85701. Paid parking available in City/State garage.

State and Local Emission Inventory System (SLEIS) – 10:00 PM – 12:00 PM

Rock Products Compliance Training – 1:00 PM – 3:00 PM

Minor Source Emission Inventory – 3:00 PM – 5:00 PM.

Construction Stormwater Seminar

STORM (Stormwater Outreach for Regional Municipalities) is sponsoring a free half-day seminar on the 2013 Construction General Permit (CGP) on **April 8, 2014** from 8:00 AM to Noon at the ADOT Human Development Center, 1130 North 22nd Avenue, Phoenix, AZ. Topics include the 2013 CGP, Good/Bad BMPs, SWPPPs, and changes in municipal requirements.

[Click here](#) to go to online to the seminar mailer. RSVP at: STORM-CGP-Seminar@eecphx.com.

**Arizona 811 Damage Prevention Seminars – April is National Safe Digging Month**

The **2014 Southern Arizona Damage Prevention Seminars** will be held through **April 9** at eight locations, including Tucson. The seminars are free, and will be held for the first time with Spanish translation services at two of the venues. Topics cover the Arizona Blue Stake process and working safely around overhead and underground facilities and is targeted for contractors, fence installers, safety directors, and excavators. Go to their website for dates and locations and to register at:

<http://www.azbluestake.com/index.asp?page=content-damage-prevention-seminars>. **Note:** Effective March 1, 2014 the domain name of the Arizona 811 websites and e-mail was converted from azbluestake.com to arizona811.com and from azbluestake.net to arizona811.net.