

January 27, 2015

Flash No. 48

HAPPY NEW YEAR TO ALL AND WELCOME TO OUR NEW MEMBERS!!!

2014 Local Emergency Planning Committee (LEPC) Business Education Seminar

(NOTE: This seminar is in lieu of the January SAEMS Luncheon)

On Wednesday **January 28, 2014** from 8:00 AM to 5:00 PM, the **Pima County Local Emergency Planning Committee (LEPC)** will be holding their annual **Emergency Planning - Business Education Seminar** at the Desert Diamond Casino Conference Center, 7350 South Old Nogales Highway, Tucson, Arizona. The purpose of the seminar is to:

- Provide a forum where attendees can receive pertinent hazardous materials information, compliance up-dates; learn best practices, information on planning, safety information and an opportunity to ask questions.
- Provide an environment with information to help businesses to create and maintain a safe environment for workers, operations, and their community.
- Provide an opportunity for the business community to build relationships with other businesses in the area and learn from their best practices.

The anticipated/designated audience for this seminar includes industry and business owners, operators and/or managers; industrial, business and government compliance personnel; industrial, business and governmental personnel responsible for hazardous materials safety; and fire department personnel with hazardous materials compliance responsibilities.

The all-day seminar is FREE and includes a free lunch for attendees. Most costs associated with this seminar are covered through a grant from the U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration. This grant assists communities to help prepare for hazardous materials release and community planning for safety. The seminar is an excellent way for emergency response businesses to showcase products and services to many potential customers.

For more information contact the Pima County LEPC, 3434 East 22nd Street, Tucson, Arizona 85713 (520) 724-9300. Go to the LEPC website at www.pima.gov/lepc for more information and a list of the current invited presenters. Links for the 2015 Hazardous Materials Safety Workshop can be found under the Activities/Training tab.

Click here for the [Link to Workshop Registration Form](#)

Click here for the [Link to Vendor Registration Form](#) (due January 23) and click here to pay the fee on the SAEMS website: [Link to PayPal - LEPC](#)

LUNCH ONLY OPTION: SAEMS members may choose to attend only the seminar lunch – those who attend only the lunch are not covered by the grant, and SAEMS needs to reimburse LEPC. To register only for the lunch, please contact Ami Kidder at AKidder@raytheon.com and please go to www.saems.org to submit your payment by PayPal. Early registration costs are \$20 (members) and \$25 (non-members). Late registration costs are \$25 (members) and \$30 (non-members). The early registration and cancellation deadline is close of business Friday January 23, 2015. Availability for late registrations may depend on whether seats remain. Note that cancellations must be received by the early registration deadline or you will be charged for the meal.

Click here to register for **LUNCH ONLY** using PayPal on the SAEMS website: [Link to PayPal - Luncheon](#)

November SAEMS Adopt A Highway Cleanup Summary

The SAEMS faithful volunteers completed our trash pickup along I-10 on November 8, 2014, collecting 19 bags of trash and 2 tires on a beautiful but windy day. In honor of Veteran's Day, Ken Asch saved an American flag from the elements, while the team found several metal objects, a set of rubber O-rings, and a couple of toys. The winning item was the parking sign from O'Malley's, found by Dan Williams. Everyone enjoyed a hearty meal at the Vail Steakhouse afterwards.

Why not consider joining us on one Saturday in 2015 as an easy New Year's resolution to complete - new faces are very welcome! Join us at the next pickup on the morning of February 14, 2014...will we find hearts? Please contact the event coordinator, Dan Williams, at Dan_Williams@kindermorgan.com if you would like to volunteer or if you have any questions.



Adopt A Highway – Left to right: Barb Ricca, Ken Asch, Heather and Olivia Shoemaker, Al Jorissen (Mike's cousin), Mike Block (Dan Williams is behind the camera); Below: Prize finds

SAEMS Financial Statements

Go to the SAEMS webpage to see the financial statements for the past fiscal year at http://www.saems.org/executive_committee_frameset.htm. The taxes were filed and the financials have been reviewed and finalized by the accountant.



Calling All SAEMS Members – New, Old, and Future

Are you making the most of your membership? Do you attend monthly meetings to hear information about that month's topic? Do you mingle with the other members and network? Have you served on the Board or a Committee? Have you checked out the webpage to see what is new? Have you volunteered at a seminar or adopt a highway or other event promoted by SAEMS? Have you attended the RCRA or P2 or LEPC seminars? Why not make a New Year's resolution to do one or more of these things in 2015!

October Luncheon Summary

Denise Moreno with the **University of Arizona Community Engagement Core - Superfund Research Program** spoke to the group at the October meeting about an outreach project that connects with small local communities and delivers current research and functional knowledge to areas that are in need of such resources. Denise spoke specifically about a project targeting Hispanic Community Health workers to develop communications and classes that can then be brought into the home. This program demonstrated a successful



collaboration between University outreach scientists and the health workers, incorporating feedback from the community on what topics are important locally. This program has been successful in

the pilot areas, and community-engaged research continues to be a growing field bringing environmental science to the community.

In addition, **Molly Reed**, a teacher at **Borton Elementary School**, one of the winners of the environmental mini grants awarded to local schools, presented the results of their recently completed desert landscape and water harvesting improvements at their school campus.

**September Luncheon Summary**

Viki Karanikola, a past SAEMS scholarship winner, gave a presentation at the September luncheon on a sanitation project currently being performed in Marquirivi, Bolivia by the **University of Arizona (UA)** chapter of **Engineers Without Borders (EWB)**. The team had traveled to Bolivia for two assessment trips and one implementation trip. The first assessment trip was originally planned for an irrigation project; however, while the travel team was in Marquirivi, it realized that the priority of the community was latrines and showers. The chapter worked on a relatively simple design for constructing 13 communal bath houses; however, after their presentation to the technical advisory committee (TAC) of EWB-USA, the UA chapter and EWB-USA realized that the design was inefficient. The chapter team regrouped and worked to resubmit the design for the implementation, only to realize the day before the TAC presentation that the design was once again not in compliance with some detailed regulations. The presentation described the setbacks and failures that the chapter faced, and how team bounced back through all these experiences and became a chapter that pursued good engineering. In addition, details of the recent summer shower implementation travel were discussed. Transparency, perseverance and positive thinking were cultured while facing obstacles and implementation. The stronger message from this experience was the incredible knowledge gained from interacting with professional engineers to solve problems, contacting the community and partners, and finally trying to achieve the final goal of latrine and shower implementation.



Also during the meeting, **Chloe Jackson**, the 3rd Place SAEMS undergraduate scholarship winner, was introduced.

**TCB/SAEMS/AZNPS School Environmental Minigrants – Applications for 2015 Due January 30**

Tucson Clean & Beautiful, in cooperation with SAEMS and the Arizona Native Plant Society, awards **School Environmental Project Minigrants** of up to \$500 in cash. In addition, schools can qualify for a grant of up to 30 trees to plant for shading their campus via TCB's Trees for Tucson program. The grant application and project planning form are available at:

<http://tucsoncleanandbeautiful.org/wp-content/uploads/2014/12/tcb-minigrant-application-2015.pdf>

Applications are due **January 30, 2015**, with awards made by mid-February 2015. For more information email tcb-admin@tucsonaz.gov or call (520) 837-6832.

Volunteer as a Judge for SARSEF – March 2015

SAEMS is a proud sponsor of **SARSEF**, the regional science competition created by the Southern Arizona Research, Science and Engineering Foundation to be held **March 9-14, 2015**. Every year, several of our very own SAEMS members volunteer as judges for this event, which includes the best science projects selected from kindergarten through high school students in Southern Arizona. If you are looking for a rewarding volunteer experience, go to their website at <http://sarsef.org/volunteers/>.

SAEMS Scholarships for 2015 – Due March 8, 2015

SAEMS announced the availability of its 2015 scholarship application in December. The applications are due by March 8, 2015. Applications take into account a combination of merit and need, and will be accepted for tuition/fees, books/materials, and/or research/travel/training/project funding for amounts between \$500 to \$4,000 per student (\$10,000 in scholarship awards available). Contact B.J. Cordova at (520) 481-3223 or bcordova26@gmail.com for assistance. Applications can be found on the SAEMS website at http://www.saems.org/scholarships_frameset.htm.

Other Upcoming Events

2015 Waste Management Phoenix Open – January 26 – February 1, 2015 at the Tournament Players Club (TPC) of Scottsdale, AZ – <http://wmphoenixopen.com/>

64th Arizona Conference on Roads & Streets – April 1, 2, 3, 2015 at La Paloma Resort, Tucson, AZ – <http://www.acecaz.org/roads.php>

Tucson Earth Day Festival – Saturday April 18, 2015 from 9 AM – 2 PM at Reid Park, Tucson, AZ – <http://www.tucsonearthday.org/>

2015 SAEMS Annual RCRA Seminar: Targeted Compliance – Thursday May 14, 2015 at Tucson Hilton East, Tucson AZ

Future CHMM Training Course – Anyone Interested?

SAEMS previously hosted a Certified Hazardous Materials Manager (CHMM) training course, which was a great success. We are interested in hosting this course again, and would like to know how many of our members are interested in taking the CHMM training course, either for the first time, or as a refresher prior to their 5-year recertification. If you, or members of your office, are interested in participating in this class, please notify Ami Kidder at AKidder@raytheon.com.

Job and Internship Announcements

Arizona Department of Environmental Quality – Go to the following link: <https://azstatejobs.azdoa.gov/> for job announcements.

Arizona's G&T Cooperatives – Corporate Safety Manager. Go to <http://ssw.iapplicants.com/ViewJob-647141.html> for more info.

Arizona Land and Water Trust – Land & Water Program Project Assistant. Go to <http://alwt.org/misc/employment.shtml> for more info.

Environmental Protection Agency – Four paid postgraduate internships are available with EPA's Office of Superfund Remediation and Technology Innovation in Arlington, Virginia through the Oak Ridge Institute for Science and Education. The internships are full-time for one year and are renewable for up to three additional years. Candidates must have with degrees earned within the last five years related to environmental engineering/chemical engineering, soil science, chemistry and toxicology/risk assessment. For more information, see <http://www.clu-in.org/jobs>. (From the EPA's TechDirect Newsletter)

CEDO (Intercultural Center for the Study of Deserts and Oceans) <http://www.cedointercultural.org/content/view/88/90/lang,en/> – Regional Coordinator – Peñasco-Lobos Corridor, Sonora, Mexico: Marine Spatial-Temporal Planning and Ecosystem-Based Fisheries Management. Must have post graduate degree, related experience, and excellent Spanish and English writing/speaking skills. For the job description, [click here](#).

Social Participation Coordinator – CEDO's Peñasco-Lobos Corridor Project, Sonora, Mexico: Marine Spatial-Temporal Planning and Ecosystem-Based Fisheries Management. Must have post graduate degree, related experience, and excellent Spanish and English writing/speaking skills. For the job description, [click here](#).

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.

WRRRC 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. Upcoming seminar topics include:

January 28, 2015 (12:00 PM) – *Colorado River Simulation System (CRSS) – Overview and Use in Planning and Operation of the Colorado River*, Don Gross, Water Resources Engineer, Colorado River Management Section, Arizona Department of Water Resources

ADEQ Recent Proposed Rules (Printed From ADEQ Email Notifications)

12/29/2014 – ADEQ's Notice of Proposed Rulemaking for the **Water Quality Standards for Surface Waters** (18 A.A.C. 11, Article 1) has published in the Arizona Administrative Register. A link to the Notice of Proposed Rulemaking is available here: <http://www.azdeq.gov/function/laws/draft.html#water>. The Clean Water Act requires that states review, modify as appropriate, and adopt surface water quality standards for "waters of the U.S." at least once every three years, subject to approval by the U.S. Environmental Protection Agency (EPA). ADEQ's last rulemaking for the surface water quality standards was in 2009. ADEQ is seeking to amend errors or clarify language from the 2009 rules changes.

12/29/2014 – This bulletin is to notify you that ADEQ's **Hazardous Waste 2013 rule** has been submitted to the Governor's Regulatory Review Council (GRRC) for consideration at their January 6, 2015 meeting. The submitted rule is on ADEQ's website at <http://www.azdeq.gov/function/laws/draft.html>. Note that GRRC has scheduled a "Study Session" for all items on the January 6th agenda on December 30, 2014. Check the GRRC website (<https://grc.az.gov/>) for exact times and locations.

1/12/2015 – ADEQ's **Hazardous Waste Amendments 2013 rule** was not approved by GRRC at its January 6, 2015 meeting, in deference to a rulemaking moratorium issued by newly inaugurated Governor Doug Ducey on January 5th.

Tucson Clean and Beautiful Environmental Education Grant – Tortoise Habitat Project Update November 23, 2014**Submitted by Lorena Sutton, Cottonwood Elementary**

We have successfully met and exceeded all of our project objectives with the exception of our dedication assembly. Our tortoise was adopted and placed in its habitat during fall break, but our students and families have spent a lot of time visiting the habitat and learning more about her. Our Coyote Patrol made announcements in each classroom and gave students reminders about how to keep her safe. Our principal introduced her on CometTV (our school broadcast) and we have a few "tortoise thoughts" boxes around campus for questions and comments. Students voted on the name Sassy! We currently have 4th and 5th graders on Tortoise Habitat duty to ensure its safety. It is also used as an incentive for positive behavior for all students. We also invited our preschoolers to meet her and learn about the conservation of desert tortoises. We are all very excited about having her on campus and look forward to the countless learning opportunities in the future.



Because of the generous donations of labor and project materials, we actually still have money left over from the grant. We spent a total of \$271.52 on plants and materials for the irrigation and burrow. Project materials were donated by Cabco. Labor services were completed by district employees and volunteers (mostly my husband). We plan on ordering a few signs to promote awareness and a few decorative rocks with the remaining funds. Thank you so much for helping us make this project a reality!

**SAEMS Website Updates**

Information on the SAEMS website will be updated in the next few weeks. Members will be able to access an updated membership directory under the Members tab on the website (www.saems.org) or [Click Here](#) – a new member user name and password will be sent out to current members soon. See the latest information on the SAEMS website, including luncheon and scholarship information, previous luncheon presentations, Trash & Bash updates, Executive Committee meeting notes, financial information, News Flash archives, etc.!