

July 19, 2013

Flash No. 38

### July Luncheon Speaker

Our Speaker for the **July 31, 2013** luncheon (11:30 am – 1:30 pm at the Hotel Tucson, 475 North Granada Avenue) will be **Maaike (“Mica”) Schotborgh**. Ms. Schotborgh has a BS in Environmental Resource Engineering and a MS in Conservation and Ecology, and has been a Southwest Regional Ecologist with the **Wildlife Habitat Council (WHC)** for just over a year. The mission of WHC in the Arid SW is “to promote and certify habitat management and conservation on working lands through partnerships and education.” For the past 25 years, the WHC has worked with businesses and partners to provide on-the-ground conservation actions on working lands and properties. WHC provides certification opportunities to programs and its member’s efforts often contribute to conservation on a landscape and regional scale. Methods incorporate employee-driven habitat management actions within existing business activities and provide innovative biodiversity guidance to business challenges. They connect programs with the community, assist with implementation of business sustainability goals, and provide new avenues to engage with regulatory processes. WHC focuses on environmental education for learners of all ages and identifies opportunities to incorporate STEM-based education in outdoor classrooms on working lands.



### June Luncheon Summary

Susanne Cotty, the Senior Air Quality Planner with Pima Association of Governments (PAG), presented at the June 26, 2013 SAEMS Luncheon. She discussed the greenhouse gas (GHG) emission trends within Pima County and the City of Tucson. In 2005, Executive Order 2005-02 established a Climate Change Advisory Group that began developing plans for the creation of GHG inventories and action plans for reducing GHG emissions. Multiple policies were put in place in order to set specific reduction goals for the state of Arizona. Executive Order 2006-13 created a Climate Change Executive Committee and set goals for 2020 and 2040; by 2020 GHG levels are to be equal to 2000 levels, and by 2040 GHG levels are to be 50% below 2000 levels. Pima County and the City of Tucson signed additional policies locally that would reduce GHG emissions to 7% below 1990 levels by the year 2012. Emission sources inventoried included residential, commercial, and industrial electricity and natural gas usage; private, commercial, and public transportation; and community-generated waste disposal. Pima County emission trends have shown a 41% increase in GHG emissions between 1990 and 2010. However, they have also shown that between 2008 and 2010, emissions have decreased by 3%. With further efforts throughout Pima County in reducing GHG emissions targeting the various emission sources, the goals in reducing our carbon footprint for 2020 and 2040 remain. Pima County’s Sustainable Action Plan, which publishes an annual report card, is the key to reducing GHG emissions while the City of Tucson and Pima County as a whole continues to grow.

### Letter from Outgoing SAEMS President Heather Shoemaker

As outgoing president of this wonderful organization I humbly say thank you. At the start of my presidency, I presented three goals which were accomplished! We continued to strengthen our University of Arizona relationship, created community project grants and will be hosting a training event in November. I would like to thank my fellow board members. Their dedication to serve is continued inspiration. Second, I would like to thank our committee chairs, their volunteerism is contagious. Finally I would like to thank our membership. We seamlessly handle obstacles with a warm smile. Thank you for the chance to have leaded this accomplished society.

### 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.



Mike Block and Ken Asch help Al Jorissen display the Little Princess tea set he found in February 2012.

### ADOT Recognizes SAEMS Adopt a Highway Volunteer Group

Arizona Department of Transportation (ADOT) recently recognized the SAEMS Adopt a Highway volunteer group in a press release for cleaning up litter for more than a decade and for logging hundreds of hours picking up more than three tons of trash in the past five years. The next highway cleanup will be September 21, 2013.

### ADEQ Announces Applications Being Accepted for Water Quality Improvement Grants in FY2014

ADEQ is accepting applications from public and private entities in Arizona to improve and protect water quality in the state by addressing nonpoint sources of pollution. Three web-based seminars will be held **July 15, 17, and 22, 2013** – registration is required 2 days before the seminars. Pre-proposals are due **August 9, 2013**. The grant awards will be announced in February 2014. See the ADEQ press release on the SAEMS website under **Legs & Regs** and visit the ADEQ website at <http://azdeq.gov/environ/water/watershed/improvement.html>.

### ADEQ Water Quality Division – Multi-Sector General Permit (MSGP)

Presentations from the 2013 Industrial Stormwater Compliance Seminar are available for download at <http://azstorm.org/construction-seminar/maricopa-county-stormwater-construction-seminar#constructionseminar>. ADEQ contact for information about the permit: Dennis L. Turner, ADEQ, Surface Water Section, 1110 W. Washington St., Phoenix, AZ 85007.



See the latest information on the SAEMS website, including luncheon and seminar information, 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 under the Members tab on the website ([www.saems.org](http://www.saems.org)) or [Click Here](#), and then enter the member user name and password.

**Upcoming P2 Seminar – September 25, 2013**

On September 25, 2013, SAEMS will host the annual **P2 Seminar** at the Hilton East in Tucson. P2 is a path towards sustainable growth. Excess emissions are waste. Waste can become wasted money and lead to an ever-increasing regulatory burden. Eliminating waste and increasing efficiency is a stepping stone toward carbon neutrality. For additional information contact Lisa Cuestas ([Lisa.Cuestas@tucsonaz.gov](mailto:Lisa.Cuestas@tucsonaz.gov)) or Heather Shoemaker (520-770-1789 or [hpshoemaker@terracon.com](mailto:hpshoemaker@terracon.com)).

**Hazardous Materials Manager Certification Preparation Course**

SAEMS is sponsoring a **Hazardous Materials Manager Certification** preparation course on **November 5-7, 2013** at the ADOSH Tucson Office, 2675 East Broadway Blvd (1st floor training room). The course is applicable to Environmental, Health, and Safety decision makers such as hazardous materials managers, engineers, environmental scientists, industrial hygienists, and safety officers. Education and work experience determine eligibility for the Hazardous Materials Management Technician (HMMT), Certified Hazardous Materials Practitioner (CHMP), or Certified Hazardous Materials Manager (CHMM). For more information, contact Richard W. Murphy by telephone at (520) 794-0079 or by email at [Richard\\_W\\_Murphy@raytheon.com](mailto:Richard_W_Murphy@raytheon.com). Within the next week you will be able to download the course registration form from the SAEMS website at [http://www.saems.org/seminars\\_frameset.htm](http://www.saems.org/seminars_frameset.htm). Once you have completed the registration form, email to Barb Ricca at [treasurer@saems.org](mailto:treasurer@saems.org). The course may be paid for on the SAEMS website using PayPal. If you prefer to pay by credit card, DO NOT email the credit card information -- call Barb Ricca at (520) 799-4433.

**2013 ADEQ Stormwater Construction General Permit (CGP) Implementation**

The ADEQ Water Quality Division Director has signed the **AZPDES 2013 CGP**, dated May 29, 2013. The permit became effective June 3, 2013. The permit-related documents are posted at ADEQ's web site. New operators can use the new 2013 CGP Stormwater Pollution Protection Permit (SWPPP) checklist now to develop their SWPPPs. Go to <http://www.azdeq.gov/environ/water/permits/cgp.html> to view the documents in the 2013 CGP permit package. Operators with ongoing construction projects that are covered by the 2008 CGP must update their SWPPPs within the first 120 days from the effective date of this permit (i.e., October 1, 2013). See Part 2.3(3)(e)(ii) of the permit. In addition, ADEQ has posted a set of frequently asked questions to their construction stormwater web page. to access the FAQs, go to <http://www.azdeq.gov/environ/water/permits/cgp.html>. Scroll down to the heading, "Related 2013 CGP Documents" and click on "Frequently Asked Questions". More FAQs will be added in the coming weeks, especially to Part 3.



**Household Hazardous Waste Program Changes Beginning July 1, 2013**



Beginning in July 2013, the Tucson/Pima County Household Hazardous Waste Program is changing the 2<sup>nd</sup> Saturday Outreach Collection to a "mobile" event. Every other month, the collection event will be held in a different neighborhood so that more Tucsonans will have easy access to the program. Here's what you need to know:

- 1<sup>st</sup> Saturday Collection event will be held each month at the Eastside Service Center, 7575 E. Speedway Blvd., 8:00 a.m. – 12:00 noon. Enter the collection site by turning north on Prudence and proceeding to the event.
- 2nd Saturday Collection event previously held at the Tucson Water Plant #2, 1102 W. Irvington is closing and rotating locations monthly. **See the schedule on the next page.** This change is intended to make the collection events accessible for residents throughout the community

**Look at the schedule to find the collection event near you or download the 'my-waste' App to your smart phone! The Main Facility and the Los Reales Landfill Satellite Facility will still be available during the regularly scheduled hours.**

1st Saturday	2nd Saturday
Eastside Service Center 7575 E. Speedway Blvd.  Enter site by turning north on Prudence  Electronics collection is provided at this site monthly by Rise, Inc. These are subject to the following fees: • \$10 for each television • \$2 for computer monitors with no CPU	July TOPSC Lower Lot 4004 S. Park Ave.
	August El Rio Neighborhood Center 1390 W. Speedway Blvd.
	September Himmel Park 1000 N. Tucson Blvd.
	October TOPSC Lower Lot 4004 S. Park Ave..
	November Mansfield Park 2000 N. 4th Ave.
	December Purple Heart Park 10050 E. Rita Ranch Rd.
	January TOPSC Lower Lot 4004 S. Park Ave.
	February El Rio Neighborhood Center 1390 W. Speedway Blvd.
	March Himmel Park 1000 N. Tucson Blvd.
	April TOPSC Lower Lot 4004 S. Park Ave..
	May Mansfield Park 2000 N. 4th Ave.
	June Clements Regional Center 8155 E. Poinciana Dr.

**What you can bring:**

- ✓ Automotive Fluids
- ✓ Paint
- ✓ Oil
- ✓ Batteries (rechargeable)
- ✓ Fluorescent Bulbs (including CFLs)
- ✓ Pesticides
- ✓ Solvents
- ✓ Anything marked Toxic, Hazardous, Dangerous

**Do not bring:**

- ✗ Medications
- ✗ Syringes or sharps

**For more information visit our website at [www.tucsonaz.gov/hhw](http://www.tucsonaz.gov/hhw) or call us at 520-888-6947**

**Federal OSHA – Major Changes to the Hazard Communication Standard**

The Hazard Communication Standard (HCS) requires chemical manufacturers, distributors, or importers to provide Safety Data Sheets (SDSs) (formerly known as Material Safety Data Sheets or MSDSs) to communicate the hazards of hazardous chemical products. As of **June 1, 2015**, the HCS will require new SDSs to be in a uniform format. Employers are required to train workers by **December 1, 2013** on the new labels elements and safety data sheets format to facilitate recognition and understanding. Go to the OSHA website at <https://www.osha.gov/dsg/hazcom/index.html>.

**Upcoming Revisions to ASTM E1527-05 Phase I ESA Standard**

The ASTM standard used to define good commercial and customary practice for conducting Phase I Environmental Site Assessments (ESAs) has undergone recent revisions and is expected to be published later this summer or in the fall (ASTM E1527-13). Key revisions are changes to the definitions of recognized environmental conditions (RECs) and historical RECs (HRECs), and the addition of "controlled" RECs (CREC); clarification of the consideration of vapor migration risks during the assessment; and specifying requirements for regulatory agency file reviews by the environmental professional. Other revisions and editorial changes have also been made.