

March 22, 2016

Flash No. 54

### *Attend the Upcoming March Luncheon*

#### **NOTE CHANGE OF DATE TO MARCH 23!**

Please note that the date of the next luncheon has been changed to avoid a conflict with the EPAZ Gatekeeper Regulatory Conference. Our Speaker for the Wednesday, **March 23, 2016** luncheon (11:30 am – 1:30 pm at the Hotel Tucson, 475 North Granada Avenue) will be **Mr. Michael Block of the Metropolitan Water District**. Mr. Block will discuss “Inter-AMA CAP Water M&I Firming – A New Water Management Tool?” or “How Phoenix Can Store Their Excess CAP Water in Tucson and Both Benefit.” The Arizona Water Banking Authority (AWBA) has a goal to firm Municipal and Industrial (M&I) Central Arizona Project (CAP) Water subcontractors during Colorado River water shortages. AWBA has stored excess CAP water in Phoenix, Pinal, and Pima Active Management Areas (AMAs). By 2025, AWBA projects 69 percent completion of the Tucson AMA firming goal. As a way to get closer to the firming goal, Metro Water District and City of Tucson began discussions about an Inter-AMA CAP Water Municipal & Industrial (M&I) firming concept. This presentation describes how the 43,500 acre-foot per year augmentation concept is envisioned for the AWBA and between CAP Water M&I subcontractors in the Phoenix and Tucson AMAs.

**Bring the following items** to the luncheon to donate to the Earth Day booth – newspaper, clothes pins, playing cards, streamers, pipe cleaners, fake flowers, clean plastic bottles/jugs, washable paint, string – these items will be used to decorate bikes during Cyclovia (see below).

### **22<sup>nd</sup> Annual Earth Day Festival – “Cycling With Cyclovia”**

This year the **Earth Day Festival** is partnering with **Cyclovia** on **Sunday April 10, 2016** at Himmel Park, 1000 North Tucson Boulevard, from 10 AM to 3 PM. Admission to the festival is free. The parade will start at the west side of Himmel Park at 11 AM. SAEMS is a platinum sponsor of the Earth Day Festival. The Earth Day booth will be collecting materials to decorate bikes (see the list of items requested under the luncheon notice above). For more information go to [http://www.saems.org/earth\\_day\\_frameset.htm](http://www.saems.org/earth_day_frameset.htm). If you are interested in booth space go to <http://www.cycloviatucson.org/general-activity-partner-application/>.

### *February Luncheon Summary*

**Chris Horstman**, a PhD student from the Civil Engineering Department at the University of Arizona, joined SAEMS for an interactive demonstration of the **Aqualibrium Arizona Project**.

The project originated in South Africa in 2012 and teaches high school students about their local water supply through a hands on activity using a table-top model that simulates a real world engineering problem. This same problem has been adapted to Tucson where local high schools are taking on the challenge to supply water to three distributed demand points in the system from a central elevated reservoir as we see in our water distribution system.

The goal of the team is to garner participation from all schools in Tucson active in the Engineering 102 program by next fall where they will be hosting a competition at the University of Arizona for the winning team from each school.

Donations are being accepted to supply additional table-top model kits to schools in Tucson. If you are interested in donating please contact Chris at [horstmanglobal@gmail.com](mailto:horstmanglobal@gmail.com).



### *Upcoming 2016 Annual SAEMS RCRA Seminar*

The **2016 Annual RCRA Seminar – Compliance Continues** – will be held on **Thursday, May 5, 2016**, at Hilton Tucson East, 7600 East Broadway Boulevard in Tucson, Arizona. The proceeds from this seminar go towards the SAEMS’ Scholarship Fund. Current planned topics and presenters for this year’s seminar include:

- ◆ RCRA basics by Jennifer Lynch with the Pima County Department of Environmental Quality;
- ◆ Universal and medical waste by Jeff Christensen with the University of Arizona;
- ◆ EPA next generation compliance and the combination of environmental with worker safety violations by Jerry Worsham with The Cavanagh Law Firm;
- ◆ Policy and legislative updates from Amanda Stone with the Arizona Department of Environmental Quality (ADEQ);
- ◆ Waste program updates by Laura Malone with ADEQ;
- ◆ Hazmat response from Chief Jeff Langejans with the Tucson Fire Department;
- ◆ Chemical transporting, placards, and violations by Officer Gary Mitchell from the Highway Patrol;
- ◆ Container compatibility by Tracy Carlise from H2O Environmental; and
- ◆ Pollution prevention case study by Andre Fuentes with Frito Lay.

This is also a great opportunity for vendors to showcase services and products – sponsorship packages are available for exhibitors and break sponsors. Get the registration form at [http://www.saems.org/seminars\\_frameset.htm](http://www.saems.org/seminars_frameset.htm). Contact Lisa Cuestas at [Lisa.Cuestas@tucsonaz.gov](mailto:Lisa.Cuestas@tucsonaz.gov) for more information about the seminar. Contact Frank Bonillas [Frank.Bonillas@tucsonaz.gov](mailto:Frank.Bonillas@tucsonaz.gov) for more information on sponsorships.

## **SAEMS NEWS**

Thanks to the **\$2,000 grant from Terracon**, SAEMS has purchased a new laptop with speakers to replace our outdated version, a tablet and square to facilitate luncheon payments, and have provided three student lunch scholarships. The remainder of the budget will go towards lunch and seminar scholarships.

Information on the SAEMS website has been updated with the current **Membership Directory**, located under the Members tab on the website ([www.saems.org](http://www.saems.org)) – a new member user name and password will be sent out to current members. Also available to members under membership benefits is a fillable certificate that you can download and print out to show you are a proud member of SAEMS.

See the other 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.!

### **Arizona Division of Occupational Safety and Health (ADOSH) Newsletter**

Interested in keeping up with Health and Safety News in Arizona? Subscribe to **The ADOSH Advocate**, which is a quarterly newsletter published by ADOSH for the employers and employees of the state of Arizona. It provides information on safety and health topics as well as listings of upcoming training courses. Go to the ADOSH website at [http://www.ica.state.az.us/adosh/adosh\\_main.aspx](http://www.ica.state.az.us/adosh/adosh_main.aspx) to sign up for the website, view current and past newsletters, and obtain other information.

**Job and Internship Announcements**

**Tucson Airport Authority (TAA)** – Job opening for Environmental Specialist. TAA’s Environmental Specialist position provides a balanced combination of outdoor field actions and indoor environmental management activities. The successful candidate will have an opportunity to become part of the dynamic aviation industry while monitoring airport operations and ensuring compliance with applicable environmental regulations and requirements. The Environmental Specialist will also have opportunities to engage with Federal, state, and local entities and support TAA’s efforts associated with the Tucson International Airport Area Superfund Site. Let your career take off at the Tucson Airport Authority! Salary is depending on experience. To apply or find out more information, go to [www.flytucson.com](http://www.flytucson.com).

**City of Phoenix Aviation Department** – Job posting for Aviation Environmental Quality Specialist. Go to their website at: <https://www.phoenix.gov/hr/current-jobs>. First interviews began March 7, 2016.

**WRRC Summer Writing Internship** – WRRC is offering a summer internship to a student interested in gaining experience writing about environmental and water issues. For information regarding the internship, click [here](#). Applications are due April 11, 2016.

**Agnese Nelms Haury Program Workshop**

The **Agnese Nelms Haury Program in Environment and Social Justice (Haury Program)** announces new seed grant and visiting fellow opportunities. Please use the following link for grant guidelines and additional information:

<http://haury.arizona.edu/news/agnese-nelms-haury-program-environment-and-social-justice-grant-opportunities-spring-2016>

The Haury Program also invites you to attend a pre-proposal meeting:

- April 7, 4 to 5 PM, Eckstrom-Columbus Library, 4350 E 22nd St, Tucson, AZ
- April 8, 4 to 5 PM, University of Arizona Campus, Environment and Natural Resources 2 building (ENR2), 1064 E. Lowell Street, Room N595

If you have any questions about the pre-proposal meetings or specific items you would like discussed at the meetings, please contact [nancypetersen@email.arizona.edu](mailto:nancypetersen@email.arizona.edu).

**PAYMENT TIP:**

SAEMS luncheon and seminar attendees are requested to use our PayPal link on the SAEMS website to make payments whenever possible to save costs; this also allows you to fast forward through the lunch or seminar check-in line.

**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 Spring resolution to do one or more of these things in 2016!

**2016 Southern Arizona Damage Prevention & Safety Seminars**



**ARIZONA 811**  
Damage Prevention & Safety Partnership

**REGISTER NOW FOR A FREE SEMINAR NEAR YOU:**

March 15: Yuma; 6-9 pm - Hampton Inn & Suites, 1600 E. 16th St.  
 March 17: Casa Grande; 6-9 pm - Holiday Inn, 777 Pinal Ave.  
 March 28: Sierra Vista; 6-9 pm - Cochise College, 901 N. Columbo Ave.  
 March 29: Douglas; 7-10 am - Douglas Visitor Center, 345 16th St.  
 March 29: Benson; 6-9 pm - Benson Lions Club, 599 S. Dragoon St.  
 March 30: Globe; 6-9 pm - Dream Manor Inn, 1 Dream Manor Rd.  
 April 4: Nogales; 6-9 pm - Quality Hotel, 639 N. Grand Ave.  
 April 5: Tucson; 7-10 am - Double Tree by Hilton - Reid Park, 445 S. Alvernon Way  
 April 5: Tucson; 6-9 pm - Double Tree by Hilton - Reid Park, 445 S. Alvernon Way  
 April 6: Tucson; 7-10 am - Double Tree by Hilton - Reid Park, 445 S. Alvernon Way

\*Check-in begins 30 minutes prior to seminar starting time.

Click [HERE](#) to register!  
(Use registration code: ABS-SE16)

Free breakfast or dinner and door prizes!  
There is no cost to attend, but seats are limited so don't delay!

Visit [Arizona811.com](http://Arizona811.com) for dates, times and locations of 2016 seminars in the Metro Phoenix region, Northern Arizona and the Mohave Valley.  
Email [Damage.Prevention@Arizona811.com](mailto:Damage.Prevention@Arizona811.com) to receive alerts about upcoming free training opportunities.  
[www.Arizona811.com/education-and-training](http://www.Arizona811.com/education-and-training)



**Utility Damage Safety Seminars for 2016**

Sign up for the **2016 Southern Arizona Damage Prevention & Safety Seminars** presented by Arizona 811 (formerly called Arizona Blue Stake). The events are free and show participants how to work safely and legally around underground and overhead utilities. Seats are limited, so be sure to register soon. Breakfast or dinner is provided, depending on which seminar is attended. Door prizes are included. If you have any questions, send emails to [Public.Services@Arizona811.com](mailto:Public.Services@Arizona811.com) or register at: [www.Arizona811.com/education-and-training](http://www.Arizona811.com/education-and-training)

**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 (unless otherwise noted). See their website at <http://wrrc.arizona.edu/events/brownbag> for a schedule of topics. Upcoming seminar topics include:

**Special Guest Speaker Event: Perspectives of an Electric Utility Executive on the Water-Energy-Climate Nexus** (Tuesday, March 29, 12:00-1:15 pm). Speaker: Charles Bayless, Retired Tucson Electric Power Chairman and CEO, Former President and Provost of the West Virginia University Institute of Technology, Member of Board of Directors at Recycled Energy Development. Location: ENR2 Building, Room S107 (1064 E. Lowell St, Tucson, AZ).

**US Bureau of Reclamation Lower Santa Cruz River Basin Study** (Tuesday, Apr. 5, 2016, 12:00-1:15 PM). Speaker: Eve Halper, Natural Resources Specialist, U.S. Bureau of Reclamation, and Kathy Chavez, Water Policy Manager, Pima County.

**Droughtview: Satellite Based Drought Monitoring and Assessment** (Tuesday April 12, 2016, 12:00 pm). Speaker: Jeremy Weiss, PhD, Climate and Geospatial Extension Scientist, School of Natural Resources and the Environment, University of Arizona.

**Ensuring the Safety of Recycled Water** (Wednesday April 20, 2016 - 12:00 pm). Speaker: Shane Snyder, Professor and Co-Director, Chemical and Environmental Engineering, Arizona Laboratory for Emerging Contaminants, Water & Energy Sustainable Technology Center, University of Arizona.

### **New Pima Association of Governments (PAG) Safety Video**

Signalized pedestrian safety crossings, known as HAWKs or pedestrian activated beacons, are the focus of PAG's new pedestrian safety video. Check out the video on the website at [WalkSafeDriveSafe.com](http://WalkSafeDriveSafe.com) and help spread the "Walk Safe. Drive Safe." message among employees, residents, customers, or constituents. PAG's pedestrian safety website also provides safety tips for pedestrians, bicyclists, and motorists, and asks people to take the new interactive pedestrian safety quiz.

### **EPA Lead-Paint Rules Changes (Email News from February 12, 2016)**

A final rule was signed on February 10, 2016 to make several revisions to the Renovation, Repair, and Painting (RRP) and Lead-based Paint Activities Programs.

- 1) Under the final rule, Renovators can take a refresher course without the hands-on training every other time they get certified and the course without hands-on training can be taken completely online. Renovators who take the online training will be certified for three years; renovators who take the hands-on training will be certified for five years.
- 2) Jurisdictions were removed under the abatement program.
- 3) Clarifying language was added to the requirements for training providers under both the RRP and abatement programs regarding what constitutes a violation. Links to information about the rule and a pre-publication copy of the Federal Register notice can be found on EPA's Lead Program website at [www.epa.gov/lead](http://www.epa.gov/lead).

### **Recent News From Arizona Department of Environmental Quality (ADEQ) and Arizona Department of Transportation (ADOT) Email Updates**

**From March 4, 2016 Newsletter – ADOT Launches Interstate 11 (I-11) Environmental Study from Nogales to Wickenburg:** I-11 is planned to extend from Nogales through the Las Vegas area to northern Nevada, and possibly north toward Canada. In partnership with the Federal Highway Administration and regional planning agencies, ADOT has launched a 3-year environmental study to select an I-11 corridor alternative between Nogales and Wickenburg. The first step is developing an Alternatives Selection Report assessing a wide range of corridor alternatives and options, along with opportunities and constraints. A *Draft Tier 1 Environmental Impact Statement* will evaluate in greater detail a smaller number of corridor alternatives, as well as a no-build alternative. The public, communities, and other stakeholders will be able to comment through regular meetings, community events, and other forums, and the input will contribute to these two reports and the *Final Tier 1 Environmental Impact Statement* that will list a selected corridor alternative. Current comments can be sent to [I-11ADOTStudy@hdrinc.com](mailto:I-11ADOTStudy@hdrinc.com), 1-844-544-8049 (toll-free bilingual telephone hotline), or mail to Interstate 11 Tier 1 EIS Study Team, c/o ADOT Communications, 1655 W. Jackson St., Mail Drop 126F, Phoenix, AZ 85007. For more information about the I-11 study, visit [i11study.com/Arizona](http://i11study.com/Arizona). Read more at [azdot.gov/media/News](http://azdot.gov/media/News).

**From February 29, 2016 Newsletter – ADEQ Issues Three New Fish Consumption Advisories:** ADEQ, in conjunction with Arizona Game and Fish Department (AGFD), issued recommendations for consumption of Largemouth Bass (Apache Lake, Maricopa and Gila Counties), Striped Bass (Lake Pleasant, Maricopa and Yavapai Counties), and Flathead Catfish (Bartlett Lake, Maricopa County). Based on tissue samples, these fish have elevated levels of mercury. A Fact Sheet for these fish, as well as fish discussed in previous advisories, can be found on websites for ADEQ (<https://www.azdeq.gov/envirion/water/assessment/download/fca.pdf>) and AZGF (<https://www.azgfd.com/fishing/fishconsumption/>).

**From February 23, 2016 Newsletter – ADEQ Achieves Landmark Judgement for Underground Storage Tank (UST) Noncompliance:** The first Superior Court judicial judgment related to state leaking UST non-compliance since the state's UST laws were overhauled in 1997. Establishes that defendants in civil actions brought by ADEQ for violations of state environmental laws are not entitled to a trial by jury and cannot misrepresent the true owner of a UST to block ADEQ from seeking sanctions against that owner at a later date. William W. Arnett, will pay \$1.3 million in civil penalties and direct costs for UST law violations beginning in the late 1980s at his property, 411 N. 5th Avenue in Tucson. This follows many years of effort to work cooperatively with him to clean up soil and groundwater contaminated with gasoline at this property.

**From February 22, 2016 Newsletter – ADEQ Surface Water Quality Standards Rulemaking Update:** 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 (<http://www.azdeq.gov/function/laws/draft.html#water>). ADEQ is terminating the September 18, 2015 Notice of Proposed Rulemaking because the U.S. Environmental Protection Agency, Region 9 had expressed concern that it did not comply with certain federal requirements. Any comments submitted previously will need to be re-submitted for the Notice of Proposed Rulemaking published February 19, 2016. ADEQ made some minor changes in the rules proposed February 19, 2016, which are explained in the Preamble.

**From February 18, 2016 Newsletter – Pollution Prevention (P2) Amendment Filers - Learn How to Use the New and Improved Forms:** The ADEQ's P2 Program is hosting webinars on **March 16 and April 5, 2016** to educate current and new P2 program participants on the P2 Plan filing thresholds, successful P2 techniques, and on the new and improved amendment forms. Click the following links to register for the webinars: March 16, 2016 from 2:00 - 3:00 pm MST – [https://attendee.gotowebinar.com/register/3835359713607622146\[attendee.gotowebinar.com\]](https://attendee.gotowebinar.com/register/3835359713607622146[attendee.gotowebinar.com])  
April 5, 2016 from 2:00 - 3:00 pm MST – [https://attendee.gotowebinar.com/register/9056672153078674690\[attendee.gotowebinar.com\]](https://attendee.gotowebinar.com/register/9056672153078674690[attendee.gotowebinar.com])  
For additional information, contact: Linneth A. Lopez ([LAL@azdeq.gov](mailto:LAL@azdeq.gov)) at (602) 771-4739 or Jeanine Inman ([JI1@azdeq.gov](mailto:JI1@azdeq.gov)) at (602) 771-2351.

**From January 27, 2016 Newsletter – ADOT Oversees Cleanup of Hazardous Materials Incidents and Saves Taxpayer Money:** During 2015, ADOT's Hazardous Materials Response Team saved an estimated \$2.6 million by making most of the commercial carriers or their insurance companies pay to remove contaminants from soil caused by fuel or hazardous materials spilling from trucks involved in crashes. The cleanups were performed using contractors approved by ADEQ, who must complete work as instructed by ADOT and provide the samples of soil before and after, as well as documentation of where contaminated soil is taken.

**From January 13, 2016 Newsletter – Multi-Sector General Permit (MSGP) Status Update for 2016:** ADEQ is in the process of preparing a draft 2016 MSGP to succeed ADEQ's Non-Mining MSGP (Permit No. AZMGSG2010-002) and Mining MSGP (Permit No. AZMGSG2010-003) that became effective on February 1, 2011. The 2011 Non-Mining and Mining MSGPs were administratively continued when the permits expired on January 31, 2016. The current 2011 MSGPs will remain in force and effect until the new general permit is issued. ADEQ will be proposing stakeholder meetings and the opportunity to comment on the draft MSGP within the coming weeks. Any updates relating to this matter, such as the draft permit, stakeholder meetings, public meetings, and public notices will be advertised on the ADEQ Agency Bulletin ([govdelivery](http://govdelivery)). Click here to sign-up to receive MSGP notifications. For additional information, please contact Jennifer Widlowski at 602-771-2256, or [jlw@azdeq.gov](mailto:jlw@azdeq.gov).