



REVIEW

November 2012

Environmental Professionals of Iowa is a multidisciplinary organization that promotes education and standards of conduct and performance in the environmental field. The organization also provides a forum for environmental professionals to express a collective statement and provide a professional perspective on environmental issues.

President's Corner

Dear EPI Member,

We are fast approaching another Fall Symposium and the board has been working very hard to make sure that it is another successful event. We do hope you'll join us for both the dinner and symposium. Our dinner speaker, Mr. Kenneth Choquette, P.E., of Choquette Engineering is out of the Des Moines area. Mr. Choquette will present his experiences as an engineering contractor in Afghanistan and Pakistan. Tuesday's symposium will contain various topics including a presentation on LIF. As with previous years, a social/networking suite will be hosted by vendors on Monday evening before and after the dinner speaker. In addition this year, there will also be a hosted bar and snacks immediately following the symposium. We hope you'll take advantage of all the symposium has to offer this year! You can register for the symposium by going to the EPI Website: <http://www.epiowa.org/page.asp?id=17>.

The IDNR and the Fund following the end of their updates will be available for questions from symposium attendees. You can submit your questions prior to the symposium anonymously via email to moderator@epiowa.org or a box will be available to place questions at the symposium.

In 2013, EPI will be looking to fill a couple positions on the board which include Newsletter Editor and President-elect. Please email any nominations to moderator@epiowa.org.

We hope to see you at the symposium!

We thank you for your support!
Ginger Laidlaw

2012 EPI Officers

Ginger Laidlaw, President
Phone: 515-988-1626
E-Mail: zinzar@hotmail.com

Darren Fife, Past President
Phone: 515-256-8814
E-Mail: dfife@barkerleamar.com

Blaine Wood, President Elect
E-Mail: Blaine.Wood@pacelabs.com

Angel Shawda, Secretary
Phone: 515-253-0830
E-Mail: angel.B.Shawda@us.mwhglobal.com

Scott Stanley, Treasurer
Phone: 515-253-0830
E-Mail: Scott.R.Stanley@us.mwhglobal.com

Brian Lenz, Activity Chair
Phone: 515-689-3993
E-Mail: brian.lenz@atcassociates.com

Shannan Garretson, Newsletter Editor
Phone: 515-256-8814
E-Mail: sgarretson@barkerleamar.com

Environmental Professionals of Iowa
P.O. Box 65484
West Des Moines, Iowa 50265
www.epiowa.org

Fall Symposium Time!!

2012 EPI Symposium will be Mon. Nov. 12- Tues. Nov. 13 at the Stoney Creek Inn in Johnston, IA!

The Stoney Creek Inn is participating in the "Combat Hunger" food drive at the time of our fall symposium. Please feel free to bring non-perishable food items to be donated in the drop box in the Stoney Creek Inn lobby – On behalf of the EPI Board and the Stoney Creek Inn, Thank You!

567 Iowa Administrative Code Chapter 133 Rulemaking - Iowa DNR is proposing rulemaking to revise Chapter 133, included in these revisions will be clarifying the scope of the rules. A draft of the proposed rules, stakeholder information and public comments are available on the Iowa DNR website:

<http://www.iowadnr.gov/InsideDNR/RegulatoryLand/ContaminatedSites/Ch133Rulemaking.aspx>

Des Moines, Iowa, Selected for Green Design Assistance

FOR IMMEDIATE RELEASE

(Kansas City, Kan., Sept. 12, 2012) - EPA has selected Des Moines, Iowa, to receive technical assistance for green infrastructure design under its Greening America's Capitals Program. The benefits for Iowa's capital city will include wider sidewalks, narrower traffic lanes, better lighting, improved bus stop shelters, permeable pavement, and rain gardens that can minimize stormwater runoff.

"This project will help revitalize an area of Des Moines that has been a focus of local investment, spurring economic and social benefits in Iowa's capital city," said Karl Brooks, regional administrator. "We hope to inspire government and community leaders to expand this work elsewhere in Iowa."

The focus of the project is a proposed streetscape plan for a one-mile segment of Sixth Avenue. The Sixth Avenue Corridor serves as the northern gateway to the city's downtown, and is an official Main Street Iowa Urban Neighborhood District and has direct access to the Des Moines River. The city plans to use the Sixth Avenue project to guide designs for other planned streetscape improvements throughout the community.

A team of designers and landscape architects that specialize in green infrastructure approaches will produce schematic designs and illustrations during a three-day design workshop that will take place in Des Moines later this year or early next year. Additionally, this project could be the testing ground for city actions, such as changes to local codes and ordinances to better support sustainable growth and green building.

Groundwater Professional Bulletin Board Update:

Revised Water Line Utility Notification Forms IDNR 543-1531 available on the Iowa DNR Website!

2012 EPI SYMPOSIUM AGENDA

Monday, November 12th

5:30 – 6:30 PM Vendor & Social Time

6:30 – 7:15 PM Dinner

7:15 – 7:30 PM EPI Business Meeting and Speaker Introduction

7:30 – 8:30 PM **Kenneth C. Choquette**, Choquett Engineering: Effectiveness of International Aid Water Projects in Afghanistan and Pakistan

Social Hour following speaker

Tuesday, November 13th

8:00 – 8:15 AM Registration and breakfast snacks

8:15 – 8:30 AM Welcome & Introductions

8:30 – 9:30 AM **Randy St. Germain**, Dakota Technologies, Inc.: An Introduction and Review of Laser-Induced Fluorescence (LIF) Technologies

9:30 – 10:00 AM Break with Vendors

10:00 – 10:45 AM **Randy St. Germain**, Dakota Technologies, Inc.: LIF continued

10:45 – 11:30 AM **Brian Lenz**, ATC: LUST Site Aquifer Characterization

11:30 – 12:00 PM **Arthur Kern and Deb Danley**, Metro Waste Authority: NEW Liquid Solidification Program and Special Waste and Hazardous waste disposal

12:00 – 1:00 PM Lunch

1:00 – 1:30 PM **Lynette Seigley**, IDNR: Project AWARE 10th Anniversary

1:30 – 2:15 PM **Scott Mullin**, Regenesys: Enhanced Physical Recovery of Petroleum NAPL from Groundwater – reagent injection for increasing efficacy of mechanically assisted recovery.

2:15 – 2:45 PM Break with Vendors

2:45 – 3:15 PM **Harry Hillaker**, Iowa Department of Agriculture and Land Stewardship: A Historical Perspective on the Drought of 2012

3:15 – 3:45 PM **Doug Judge**, Renewable Energy Group: Biodiesel and Regulatory Compliance

3:45 – 4:15 PM **Elaine Douskey**, Iowa Department of Natural Resources: Update

4:15 – 4:30 PM **James Gastineau**, AON: UST Fund Update

4:30 – 4:45 PM **Jeff Hove**, PMCI: UST Owner Update

4:45 – 5:00 PM Collection of Ballots & Event Evaluation Forms, and Contact Hours Sign-Up.

Door Prizes (Must be present to win)

5:00 – 6:00 PM Social Hour – snacks and drinks courtesy of Vendors and EPI

October 18, 2012

Ten Ways to Save Money, Energy and Protect Your Health This Winter

WASHINGTON – With winter quickly approaching, the U.S. Environmental Protection Agency (EPA) is highlighting ten tips for Americans to protect their health, save money, and lower energy while enjoying the winter holiday season.

1. **Maintain your heating equipment to lower utility bills.**

Heating and cooling costs account for about \$1,000 -- nearly half of a home's total annual energy bill. Maintaining the efficiency of your home's heating, ventilation, and air conditioning (HVAC) system can have a big effect on your utility bills. Dirt and neglect can impact the efficiency of your HVAC system and are some of the top causes of heating system failure. Schedule an HVAC checkup with a licensed HVAC contractor to make sure your system is operating at peak performance. Also, check your system's air filter every month and change it when it's dirty or at a minimum, every three months. A dirty filter will slow down air flow and make the system work harder to keep you warm or cool — wasting energy. <http://www.energystar.gov/homeimprovement>

2. **Download EPA's free Apps to help protect your health.**

The AIRNow app allows users to enter a zip code and get current particle pollution and ozone levels and forecasts for more than 400 cities across the country. The Ultraviolet (UV) Index provides an hourly forecast of the UV radiation levels from the sun. Both are available for Apple and Android phones. Learn more about these apps and the others:

<http://m.epa.gov/apps/index.html>

3. **Decorate for the holidays with Energy Star light strings that can last up to 10 times longer.**

Energy Star-qualified light strings use about 65 percent less electricity than incandescent light strings and are available in a variety of colors, shapes and lengths. They save energy and are more durable, shock-resistant and cooler to the touch. If every decorative light string sold in the U.S. this year were Energy Star qualified, Americans would save \$80 million in utility bills and one billion pounds of greenhouse gas emissions would be prevented.

http://www.energystar.gov/index.cfm?fuseaction=find_a_product.showProductGroup&pgw_code=DS

4. **Lower the temperature in your home to increase savings up to 12 percent.**

Control your home's temperature while away or asleep by using one of the pre-programmed settings. Programming the thermostat to turn the temperature down 8 degrees for 7 hours each night and an additional 7 hours each weekday could result in a seasonal heating savings of approximately 12 percent. For the average home, this could result in savings of about \$180.

http://www.energystar.gov/index.cfm?c=products.pr_save_energy_at_home

5. **Check for water leaks and install WaterSense products to save approximately \$170 per year.** The average household spends as much as \$500 per year on their water and sewer bill, but approximately \$170 per year can be saved by installing water-efficient fixtures and appliances.

<http://www.epa.gov/watersense>

6. **Reduce your food waste. Feed people, not landfills.**

Food is the single largest type of waste going to landfills and incinerators. Americans disposed of approximately 33 million tons of food waste in 2010. When excess food, leftover food, and food scraps are disposed of in a landfill, they decompose and become a significant source of methane - a potent greenhouse gas. Much of the food that is discarded in landfills is actually safe, wholesome food that could have been used to feed people. So when you are thinking about making your family dinner, think about how you can reduce your food waste to save money, help communities, and protect the environment.

<http://www.epa.gov/osw/conserves/materials/organics/food/food-house.htm>

7. **Look for the Design for the Environment label on more than 2,800 products during winter cleaning.**

EPA's Designed for the Environment (DfE) logo differentiates products that use only the safest ingredients to protect people, our pets, and the environment. In 2011, Americans using DfE products cut the use of harmful chemicals by more than 756 million pounds. <http://www.epa.gov/dfe/>

8. **Test your home for radon gas, 1 in 15 homes may have elevated levels.**

Radon, a colorless odorless gas, is the leading cause of lung cancer among non-smokers and levels can increase during colder months. Purchase an affordable Do-It-Yourself test kit online or at a local hardware store to determine the level in your home. Addressing high levels often costs the same as other minor home repairs.

<http://www.epa.gov/radon>

9. **Learn before you burn and cut firewood use by more than 30 percent.**

The Burn Wise program has best burn practices to help better protect your home and your health. Never burn garbage, cardboard, ocean driftwood or wet wood. If you replace an old wood stove with a more efficient one, efficiency can increase by 50 percent, 1/3 less wood can be used for the same heat and 70 percent less particle pollution indoors and out are produced. <http://www.epa.gov/burnwise/>

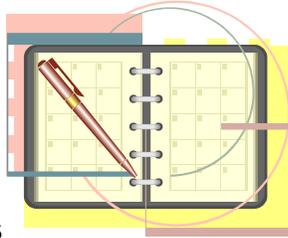
10. **Prevent Pests.** Now is the time when pests such as insects and rodents may try to move indoors. Eliminate sources of food, water, and shelter to reduce pest problems. Prevent pests by using caulk to eliminate cracks, repair water leaks, remove clutter, and clean up crumbs and other food sources. If you decide to use a pesticide, read the label first. The pesticide label is your guide to using pesticides safely and effectively. It contains pertinent information that you should read and understand before you use a pesticide product.

<http://www.epa.gov/safepestcontrol/>



ON THE MOVE...

- ATC Group Services Inc. is now Cardno ATC.



Calendar of Events

11/12 -13	2012 EPI Symposium
11/20	EPC Meeting, Windsor Heights, Iowa
12/18	EPC Meeting, Windsor Heights, Iowa