

The purpose of the Pennsylvania Association of Environmental Professionals is to promote environmental education, research, planning, assessment, review, and management through the formation and operation of a nonpolitical multidisciplinary professional society.



Thoughts from the President...

Happy 25th Anniversary to PAEP!

The Board held their annual retreat and election of 2010 officers in January. I am honored to serve as President for a second year. Duane Peters was elected as the new Vice President; Camille Otto will serve as Treasurer for a second year; and Crystal Quintin was elected as Secretary for a second year. Thanks to outgoing Board member Jeff Luzenski for serving two terms on the Board. A big welcome to new Board member Jenn Granger!

The Board looks forward to another exciting year for PAEP. Each section is planning a full schedule of events, so please come out and attend when you can. Section events can only be successful with regular member participation! Feel free to contact your Section Leader if you want to find out more about upcoming events and/or be involved in the planning of future events.

Our annual conference is scheduled for May 12th-14th at the Bear Creek Mountain Resort and Conference Center (<http://bcmountainresort.com>) in Macungie, Berks County. We'll be commemorating the 25th Year of PAEP with a great conference program being developed by the conference planning committee, chaired by Camille Otto. Bear Creek has gone to extraordinary measures to incorporate environmental sustainability into their everyday business practices, and PAEP is excited to be able to conduct our conference in such a location. More conference information is to come – hope you are able to attend!

Have you checked out the PAEP Forum (<http://www.paep.org/forum>) yet? It's a great place to start dialogue on various environmental topics, as well as discuss PAEP business. New to PAEP and the message board is the PAEP Book Club lead by Crystal Quintin. Check out the first title, *The Omnivore's Dilemma: A Natural History of Four Meals* by Michael Pollan, and participate if you have the time (<http://www.paep.org/forum/viewtopic.php?f=124&t=20>). If you have any general or specific questions regarding the Forum, contact Duane Peters (dpeters@admarble.com).

Virginia Bailey
PAEP President

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If you have any items for the next Newsletter contact Duane Peters at dpeters@admarble.com or (717)-731-9588.

Karl Mason Project

The Pennsylvania Association of Environmental Professionals (PAEP) presented the 2009 Karl Mason Awards during their Annual Conference on May 14, 2009. The 2009 awards were presented to Devra L. Davis PHD, MPH, who received the award in the individual category, and Montour Run Watershed Association, recipients of the award in the organization/project category.

Who is Karl Mason and what is the Karl Mason Award?

Karl Mason served as Pennsylvania's first State Environmental Administrator from 1952 until his death in 1966. Karl's holistic vision of environmental management set the pattern for the state to this day. Karl believed and put into practice the notion that environmental protection is primarily the business of professionals who have the skills by virtue of their scientific training to manage the technical and scientific complexities of maintaining a safe, healthy and clean environment.

The Award was created to commemorate his vision of a strong, well-managed environmental program. Stewardship of the Karl Mason Award rests with PAEP, but anyone may submit a nomination to the Association.

The Award is given to a Pennsylvania person, organization, or project that has made a significant contribution to the betterment of Pennsylvania's environment, exemplifying Karl Mason's vision.

PAEP continues to maintain stewardship of the Karl Mason Award. Each year, at the PAEP Annual Meeting and Conference the Karl Mason Award is presented to meritorious nominees selected by the Board from two general categories:

- An Individual who has demonstrated exemplary leadership in the field of environmental management.
- An organization, project or program that has made a significant contribution toward
- maintenance or restoration of Pennsylvania's Environmental Quality

Nominations are being accepted through March 31st, 2010. You may nominate as many individuals and/or groups as you see deserving.

Please submit completed forms via mail or email to:

Pennsylvania Association of Environmental Professionals
174 Crestview Drive
Bellefonte, PA 16823
info@paep.org

The awards presentation will take place at the PAEP Annual State-Wide Conference, May 12-14, 2010, at Bear Creek Mountain Resort, Macungie, Pennsylvania.

To learn more about the legacy of Karl Mason, visit the PAEP web-site: www.paep.org



Save The Date...

Western Section Event

February 12, 2010

"The Marcellus Shale: What is the role of the environmental consulting community?" (see attached flyer for details)

Central Section Event

February 18, 2010

"SIERRA CLUB UPDATE" (see attached flyer for details)

Eastern Section Event

February 25, 2010

"Environmental Trivia" Night (see attached flyer for details)

PAEP 2010 Annual Conference

May 12-14, 2010

Bear Creek Mountain Resort and Conference Center, Macungie, PA



Join the Pennsylvania Association of Environmental Professionals (PAEP) Groups on Facebook and LinkedIn to keep up with events and network with colleagues!



Volunteer Opportunity

Share your knowledge with children and watch their faces glow with discovery!

Earth Day Event

Where: The Swain School
1100 South 24th Street
Allentown, PA 18103
www.swain.org

When: April 23, 2010
8:00am-12:00noon

What: Preschool thru 8th grade
Education Opportunity



If you are interested in making a presentation or completing a hands on activity please contact
Cynthia Bardman to discuss and schedule

Cynthia Bardman
Principal
Summit Environmental Consulting, LLC
1710 Huffs Church Road
Barto, PA 19504
Phone # 610-845-8834
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web-site: www.summitec.net

RENEWABLE FUELS

Endangerment Finding: On December 15, EPA published its long-awaited Clean Air Act (CAA) Section 202(a) endangerment finding with respect to the six most critical greenhouse gases (GHG). See 74 Fed. Reg. 66496 (Dec. 15, 2009). This finding is a pre-condition for further carbon emission reduction regulation under the CAA; but does not commit the agency to any specific strategy or timetable.

The endangerment finding reflects both the legal and political agendas being imposed on EPA. First, is the Supreme Court's 2007 ruling in an environmental interest group law suit, holding that GHGs are air pollutants under the CAA and requiring EPA to evaluate the endangerment posed by GHGs. Second, is the President's plan to create regulatory momentum on climate change issues which will motivate legislative action and/or create a foundation in the absence of legislative will. There are many, on the Hill and elsewhere, who are still not convinced that carbon emission reduction is necessary to prevent global warming. Nevertheless, the Federal Register notice and extensive supporting documentation will likely be an important component of the climate change discussion in the immediate future.

GHG Reporting: Beginning December 29, GHG reporting rules kick in for emissions of 25,000 or metric tons of CO₂ equivalent, within 30 source categories identified by EPA in its October 29, 2009 rulemaking. See, 74 Fed. Reg. 56260 (Oct. 30, 2009). Included on the source list are electric utilities, petroleum refineries, petroleum product suppliers, glass manufacturing, iron and steel production, cement production, pulp and paper production, and municipal solid waste landfills. Notably, ethanol production was removed from the final list of applicable industries.

PA Climate Change Action Plan: Many states have also been busy addressing climate change, with alternate energy portfolio requirements and blueprints for regulatory change to reduce carbon emission. Pennsylvania took a large step forward on December 18, 2009, with the publication of a 793 page Climate Change Action Plan. This report was compiled by PADEP, with substantial input from a Climate Change Advisory Committee, in response to requirements set forth in the Pennsylvania Climate Change Act of July 2008 (Act 70).

A key target recommendation of the Plan is to reduce GHG emissions to 30% below year 2000 levels, by year 2020.

STORMWATER REGULATION

On December 1, EPA promulgated regulations imposing specific best management practices on construction activities that require an NPDES permit. See 74 Fed. Reg. 62996 (Dec. 1, 2009). By definition, this applies to disturbance of 5 acres or more. Most of the new requirements, including soil stabilization and erosion/sedimentation controls, are applicable by February 1, 2010. New Turbidity limits are also imposed on disturbance of 10 acres or more, with phase-in dates of August 2, 2010 and February 2, 2014 for disturbance of 10 or 20 acres or more, respectively.

What's in the News....

Karl Mason Award Winner Accomplishes Several Goals Improving Montour Run Watershed and Its Communities

The Montour Run Watershed Association (MRWA), recipient of the Karl Mason Award in 2009 from the Pennsylvania Association of Environmental Professionals, announces the completion of several projects and activities intended to improve Montour Run and the well-being of communities located within it.

The fourth remediation system for abandoned coal mine drainage to be constructed under the sponsorship of the Montour Run Watershed Association (MRWA) in western Allegheny County was dedicated in ceremonies in November 2009.

The new system, designated as the McCaslin Road Mine Drainage Remediation Facility, is located on the property of Findlay Township's Department of Public Works near the intersection of Clinton Road and McCaslin Road just north of Clinton, PA. Construction of the McCaslin Road Facility is an outgrowth of the Montour Run Watershed Assessment and Cleanup Plan Project performed under MRWA sponsorship and funded by the Growing Greener grant program of the Pennsylvania Department of Environmental Protection (DEP). Conducted in the 2001-2003 time period, the assessment project sought to identify environmentally harmful discharges of contaminated groundwater from abandoned coal mines in the 37-square-mile Montour Run Watershed. It included a yearlong program of monthly sampling of these discharges, leading to recommendations for treatment approaches for the most damaging. A discharge from the Clinton Lake Mine complex along Clinton Road was identified as a significant source of pollution of the West Fork of Enlow Run due to elevated levels of acidity and aluminum.

This remediation system will improve the health of nearly two miles of the West Fork of Enlow Run. An estimated 14,000 pounds of acid and 1,700 pounds of aluminum will be prevented from entering the stream each year from this site alone. The resultant improvement in water quality will go far toward improved survival of fish and the aquatic life forms that support them.

The \$146,984 total cost of the McCaslin Road project has been funded through the DEP's Growing Greener program. In addition, matching cash, goods, and services valued at over \$30,000 have been provided by the prime contractor, BioMost, Inc., and its partners Quality Aggregates Inc., Stream Restoration Incorporated, and G&C Coal Analysis Lab.

Aside from acid mine drainage projects, the MRWA has been involved in outreach efforts. With the North Fork AMD Treatment site as an outdoor classroom, MRWA participated in an early summer training conference for environmental agencies from across the nation. MRWA also partnered with the Forest Grove Sportsman's Club on facilitating the installation of in-stream fish habitat improvements in the lower portion of Montour Run flowing through Club property.

The MRWA is a 501(c)(3) incorporated non-profit, chartered in the year 2000, which seeks to protect and improve water resources in the Montour Run Watershed. The North Fork Montour Run project is the third of four abandoned mine drainage treatment facilities fully funded to date for the Watershed. Other projects completed or in the planning stages include the Boggs Road, Clinton Road, and McCaslin Road Mine Drainage Treatment Projects. These projects implement recommendations of the River Conservation and Land-Use Plan for the Montour Run Watershed, established in 1998 by the Montour Valley Alliance, forerunner coalition to the MRWA.

Financial support for the MRWA is provided through memberships and donations from concerned citizens. Generous support is also provided by organizations and companies, including Dominion Resources, Inc. and the Western Pennsylvania Conservancy.

Portal to the Mining Industry

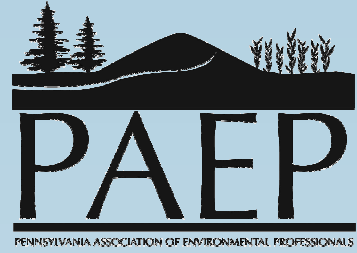
The costs involved with acid rock drainage (ARD) treatment continue to increase. While passive treatment has been a common treatment for ARD sources, it is not applicable for all sources, depending on water quality and flow rates. Limestone has been the primary alkaline source for passive treatment, but there is significant interest to find additional alkalinity-generating alternatives to avoid the need for active chemical treatment and the associated increase in operating and maintenance needs. With the potential to expand the applicability of passive treatment and develop a beneficial use of a waste material, Broad Top Township successfully applied for an innovative ex-situ treatment technology grant through the Pennsylvania Department of Environmental Protection Bureau of Abandoned Mine Reclamation to evaluate steel slag from an existing waste pile in Northeastern Bedford County, Pennsylvania, for ARD treatment.

To read this issue in its entirety, view the link below.

<http://www.skellyloy.com/Pressroom/MiningPortal/mp/Volume VII, Issue 4 Portal.pdf>



WELCOME!



The Board's winter retreat was held January 22, 2010 at McCormick Taylor in Harrisburg. We had a great day and spent a bit of time at the beginning of the meeting brainstorming about where the organization should be heading in the future.

We would also like to take time to welcome the newly elected officer: Duane Peters, Vice President. Along with those officers who have re-elected for a second year: Virginia Bailey, President; Camille Otto, Treasurer; and Crystal Quintin, Secretary.

Many thanks to the 2009 officers for their dedication to the organization over the past year: Virginia Bailey, President; Mike Kenawell, Vice President; Camille Otto, Treasurer; and Crystal Quintin, Secretary.



Front row L-R: Mike Kenawell, Duane Peters, Jenn Granger
Back row L-R: Camille Otto, Angela Schreffler, Crystal Quintin, Virginia Bailey
(Absent: Mitchell Burack and Jill Vovaris)

Thank You...



Interested in becoming
a member of PAEP?
You can join, visit our
website www.paep.org.

2009 Corporate Members

To all PAEP Corporate Members: The Board of Directors gratefully acknowledges the commitment Corporate Members have made to strengthen the industry and develop the skills of all PAEP members.

A.D Marble & Company
American Westech Inc.
ASC Group, Inc.
Avogadro Environmental Corporation
Burack Environmental Law Office
CC Johnson & Malhotra, P.C.
Collective Efforts, LLC
EA Engineering, Science, and Technology, Inc.
EarthRes Group, Inc.
EcoAnalysts, Inc.

Elk Environmental Services
ENSR International
Ernst Conservation Seeds
GAI Consultants, Inc.
Gannett Fleming, Inc.
Gibson-Thomas Engineering Co., Inc
Greenhorne & O'Mara, Inc.
GTS Technologies, Inc.
Harrisburg Area Community College
Infomap Technologies, Inc.
Johnson, Mirmiran & Thompson
Land & Mapping Services
Lee-Simpson Associates, Inc.

Mackin Engineering Company
Maguire Group, Inc.
Marcellus Shale Committee
McCormick Taylor, Inc.
McTish, Kunkel & Associates
Michael Baker, Jr. Inc
Normandeau Associates, Inc.
O'Brien & Gere
Octoraro Native Plant Nursery
Penn State University, Environmental Resource
Management Program
Precision Laser Instrument, Inc.
SAIC – Science Applications International Corp.
Skelly & Loy, Inc.
Straughan Environmental Services, Inc.
Synergy Environmental, Inc
TEC Inc.
The EADS Group, Inc
Traffic Planning & Design, Inc.
Urban Engineers, Inc.
Wayne W. Kober, Inc.
Wilkes University

To learn how your company can become a 2010 Corporate Member, visit the PAEP website www.paep.org or email info@paep.org.

Pennsylvania Association of Environmental Professionals

HAPPY HOUR WITH A PURPOSE

EVENT DETAILS

WHEN: FRIDAY FEBRUARY 12, 2010

WHERE: CAFÉ PHIPPS

TIME: 4:00 PM NETWORKING HOUR

5:00 PM PRESENTATION

PAEP Western Section invites you to the February edition of our monthly program series at Phipps Café in the Oakland Section of Pittsburgh.

NO REGISTRATION FEE
FREE APPETIZERS
BUSINESS CARD RAFFLE
FREE PARKING

THE MARCELLUS SHALE: WHAT IS THE ROLE OF THE ENVIRONMENTAL CONSULTING COMMUNITY?

Despite its potential as the next major US energy source, the Marcellus "play" presents several significant environmental challenges for Pennsylvania.

Jason de Wolfe, Chief Oil and Gas, LLC, discusses:

- overall health of the Marcellus Shale business,
- existing and proposed environmental regulations, and
- importance of the environmental consulting community in the development of this important resource.

PHIPPS VALENTINES SPECIAL

February 12 from 5:00-10:00 PM

\$22* per person

◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆
Admission includes a self-guided tour of Phipps Conservatory, live music in Palm Court, and a chocolate fondue dessert at Café Phipps with your choice of wine, champagne, or beer.



*Regular admission is also available.



PENNSYLVANIA ASSOCIATION OF ENVIRONMENTAL PROFESSIONALS

PAEP – CENTRAL SECTION MONTHLY EVENT PROGRAM

SIERRA CLUB UPDATE

Where: Level 2*
215 North Second Street
(above Café Fresco in downtown Harrisburg)

When: Thursday February 18 at 5:30 PM
5:30-6:00 Social Networking
6:00-6:30 Presentation

What: Jeff Schmidt, Director of the Pennsylvania Chapter of the Sierra Club, will be giving an informational presentation on the current issues and environmental challenges that the Sierra Club is working on here in Pennsylvania. Discussion topics will include the Sierra Club's local initiatives towards combating climate change, as well as the regulation of the Marcellus Shale natural gas drilling industry.

Cost: Presentation and Appetizers - Free
Drinks and/or Dinner – At Your Own Expense

**Please note that Level 2 requires business casual attire. No hats, shorts, sports garments, cut-off sleeves, sneakers or flip-flops are allowed. RSVP to Kevin Starnier at 717-232-0593 or kstarnier@skellyloy.com*



PENNSYLVANIA ASSOCIATION OF ENVIRONMENTAL PROFESSIONALS



PAEP EASTERN SECTION MONTHLY PROGRAM SERIES UPDATE:

FEBRUARY 25—6PM—At URS in Ft. Washington

Join us for “Environmental Trivia” Night—An original educational and ego-defining combination of Jeopardy, Are you smarter than a fifth grader, and Who wants to be a millionaire; + the now famous Eastern Section wine tasting contest. **Please RSVP by 2/19 to mburack1@verizon.net.** Cost will be \$6.00.

March 18—Lunch time (to be confirmed exactly) at EPA Region III

EPA folks will update us on TMDL issues, including the mega Chesapeake Bay TMDL and streams in southeast PA

April 22 (Earth Day)—6pm at URS in Ft. Washington

Natural Gas Drilling issues update with speaker from Marcellus Shale Coalition + wine tasting

May 20—Time and location to be finalized

Update on Delaware River waterfront development issues; with speaker from Delaware River Waterfront Corporation;