

Pennsylvania Water Environment Association Presents

Marcellus Shale Conference & Exhibition

Water Management Issues Associated with Marcellus Shale Gas Development:
Understanding, Managing & Protecting Pennsylvania's Water Resources

March 15-16, 2012

PWEA's second annual Marcellus Shale Conference will include exhibits, technical presentations, and panel discussions. Sessions will focus on Upstream, Midstream and Downstream gas industry issues.

Location:
Hilton Garden Inn Southpointe
1000 Corporate Drive
Canonsburg, PA 15317



REGISTRATION BROCHURE

Agenda

(as of December 22, 2011)

Thursday, March 15

7:15-8:15am **Registration**

8:15-9:15am **Conference Opening and Keynote Address**

Lt. Governor Jim Cawley has been invited to deliver the Keynote Address. Lt. Governor Cawley heads the Governor's Marcellus Shale Advisory Commission. The Commission was established in 2011 to develop a responsible and strategic plan for the Marcellus Shale Natural Gas Reserves in Pennsylvania.

9:15-10:45am **Technical Presentations – Upstream**

Upstream issues will focus on land development, water supply resources, permitting, groundwater protection and flowback water reuse & management.

10:45-11:00am **Break**

11:00am-12:30pm **Panel Discussion – Upstream**

12:30-1:45pm **Lunch and Networking in Exhibit Hall**

1:45-3:15pm **Technical Presentations – Midstream**

Midstream issues will focus on pipeline routing, permitting, stream crossings, and produced water collection & treatment.

3:15-3:30pm **Break**

3:30-5:15pm **Panel Discussion – Midstream**

5:15-6:30pm **Networking Reception in Exhibit Hall**

6:30pm **Young Professionals Social Event**

Details about this informal gathering will be provided on-site. Additional fee may apply.

Friday, March 16

7:30-8:30am **Breakfast in Exhibit Hall**

8:30-10:00am **Technical Presentations – Downstream**

Downstream issues will focus on gas use opportunities for private and municipal facilities, community development, population growth impacts, infrastructure improvements and education outreach programs.

10:00-10:15am **Break**

10:15am-12:15pm **Panel Discussion – Downstream**

12:15-1:30pm **Lunch and Networking in Exhibit Hall**

1:30-3:30pm **Technical Presentations and/or Panel Sessions**

1:30-5:00pm **Tour to Well Pad Facilities**
– sponsored by Range Resources-Appalachia, LLC



RANGE RESOURCES®

Range Resources, a natural gas exploration and production company with nearly 30 years of operation in Appalachia, will be guiding a field tour throughout the company's Marcellus Shale operations in Southwestern Pennsylvania. In 2004, Range Resources was the first company to successfully apply modern drilling technologies in the Marcellus Shale, which is believed to be among the largest natural gas fields in the world. This tour is limited to the first 43 reservations received. Tour attendees must ride the bus.

Panelists and technical programs are being confirmed. Panel Discussions will include representatives from the gas industry as well as municipal, environmental, regulatory and governmental agencies. Additional or updated details will be posted at www.pwea.org as they become available.

Hotel Accommodations

Rooms are available at the following hotels. Please ask for the PWEA Room Block when you call.

Hilton Garden Inn Southpointe
1000 Corporate Drive
Canonsburg, PA 15317
724-743-5000
Group Code: **PWE**
\$109/single or double room
Reserve by 2/29/2012

Homewood Suites Southpointe
3000 Horizon Vue Drive
Canonsburg, PA 15317
724-745-4663
Group Code: **PAW**
\$139/Studio Suite • \$149/One Bedroom Suite
Reserve by 2/14/2012

Hampton Inn & Suites Meadow Lands
475 Johnson Road
Washington, PA 15301
724-222-4014
Group Code: **PWEA**
\$129/single or double room
Reserve by 2/21/2012

Registration Form

Marcellus Shale Conference & Exhibition
March 15-16, 2012 - Canonsburg, PA

PLEASE PRINT all information on form

Registrant Name: _____ Nickname (for badge): _____

Organization: _____

Title/Position: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

Email Address: _____

PWEA Member #: _____ PA DEP Client #: _____

Check here if you are a Young Professional (*age 35 or younger*)

CONFERENCE REGISTRATION

Circle the appropriate fee. **Credit Card** **Check**

PWEA Member \$338 \$325

Non-Member \$416 \$400

Note: There is a 4% discount for payments by check.

Optional Tour – Check here if you want a seat for the Facilities Tour.
(Limited to the first 43 attendees.)

FOOD FUNCTIONS (included with registration)

Please indicate whether you will attend, so we have an accurate headcount.

Thursday - Lunch ___ yes ___ no

Thursday - Reception ___ yes ___ no

Friday - Breakfast ___ yes ___ no

Friday - Lunch ___ yes ___ no

Method of Payment

Check (payable to PWEA)

Total Due if paying by Check: \$ _____

Credit Card:

Total Due if paying by Credit Card: \$ _____

MasterCard Visa American Express

Card Number: _____ Expiration Date: _____ Security Code: _____

Name (as it appears on card): _____ Signature: _____

Billing Address (if different from above): _____

Cancellation/Substitution Policy

No refunds granted after February 15, 2012. A \$50 cancellation fee will be assessed on all refund requests received prior to February 16, 2012. All refunds must be requested in writing.

Substitutions are permitted with a \$25 per person substitution fee. Substitutions may be made until February 29, 2012 and must be made in writing, accompanied by a new registration form.

Please send completed registration form and full payment by February 29, 2012 to:

PWEA
PO Box 3367
Gettysburg, PA 17325
Fax: 570-549-2221 • Phone: 570-549-2204
Email: pweameetings@npacc.net

Important Information for PA DEP-Licensed Wastewater Operators

This conference is approved by the Pennsylvania Department of Environmental Protection (PA DEP) under the operator training program for a total of 4.0 contact hours. This conference will count toward Pennsylvania pre-certification and continuing education requirements for wastewater and water operator licenses. You must attend at least 2½ hours of a session in order to qualify for one contact hour.

All PA DEP licensed wastewater and water operators attending for PA DEP continuing education credit must provide a photocopy of their operator's license (or their PA DEP Client ID pocket card). This information is needed in order to provide the PA DEP with an accurate roster of those earning contact hours. Photocopies of operator licenses or DEP client ID cards should be included with the registration form. Tracking sheets will be provided to verify attendance. Photo ID must be presented when completed tracking sheets are turned in at the registration desk.

Important Information for Professional Engineers, Land Surveyors and Geologists

PWEA technical sessions are not pre-approved by the State Registration Board. Therefore, it is not possible to guarantee their acceptance for continuing education purposes. PWEA will provide you with an attendance certificate to document your participation. PE's, LS's and Geologists earn 3 Professional Development Hours (PDH) per half day session.



Pennsylvania Water Environment Association
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PWEA's Marcellus Shale Conference Canonsburg, PA • March 15-16, 2012

The Marcellus Shale natural gas reserve and other similar formations underlying Pennsylvania represent a remarkable opportunity for the Commonwealth to invigorate the economy and spur development for years and decades to come. However, we caution that the private and public sectors must understand and address the substantial environmental and water management challenges presented by this asset. We feel that diligent technical consideration on planning and execution of sound water management strategies are essential to protecting the environment and public interest. PWEA is confident that the skilled and qualified water treatment and environmental planning professionals within our membership are capable of meeting these needs. As an organization, we welcome this new opportunity to guide, teach, spur innovation and protect the environment specific to this emerging area of interest.

Currently, PWEA's membership includes approximately 2,000 professionals representing the private and public sectors. The Association provides a forum for continuing education, regulatory commentary and communication within Pennsylvania's water sector. Those interested in joining PWEA or becoming more familiar with our Association are invited to visit us at www.pwea.org.