

# PGWA 2012 WINTER CONFERENCE AGENDA

THURSDAY JANUARY 26, 2012

8:00 am – 1:30 pm	REGISTRATION OPEN	
8:00 am – 11:00 am	EXHIBITOR SET-UP	
11:00 am – 7:30 pm	EXHIBIT HALL OPEN <i>(New for 2012)</i>	
11:30 pm – 12:30 pm	LUNCH ON YOUR OWN <i>(Exhibit Hall Is Open)</i>	
12:30 pm – 1:30 pm	Keynote Address: <b>Overcoming the Growth Barriers in the Geothermal Industry</b> by Todd Giddings, Ph.D., P.G., <i>Todd Giddings and Associates, Inc.</i>	
1:30 pm – 2:30 pm	<b>Water Quality in Residential Water Wells Located near Marcellus Gas Wells</b> by Bryan Swistock, <i>PSU Extension</i>	
2:30 pm – 3:30 pm	<b>Overview of Shell's Groundwater Protection and Stray Gas Mitigation Program in Pennsylvania</b> by Bryce J. McKee, <i>Shell Appalachia</i>	<b>Appraisals: Equipment and Business Values - What do they mean and what to do with them?</b> by Michael A. Salvadore SPA, <i>MPPA, Salvadore Auctions and Appraisals</i>
3:30 pm – 4:30 pm	<b>What Should be in the New Legislation for Residential Water Well Construction Standards ?</b> A Workshop to discuss the key elements and to receive your input.	
4:30 pm – 7:30 pm	RECEPTION & SCHOLARSHIP AUCTION IN THE EXHIBIT HALL	

FRIDAY, JANUARY 27, 2012

7:30 am – 9:00 am	BREAKFAST <i>(provided)</i> and General Membership Meeting	
9:00 am – 10:00 am	<b>On-Site Treatment and Disposal of Muddy Geothermal Drilling Water</b> by Todd Giddings, Ph.D., P.G., <i>Todd Giddings and Associates, Inc.</i>	<b>Manufacturers' Division and Suppliers' Division Joint Meeting</b>
10:00 am – 11:00 am	<b>Water Resource Management for Marcellus Natural Gas Operations</b> by Dave Yoxtheimer, P.G., <i>PSU Extension</i>	<b>An Overview of Pennsylvania Employment Law and Best Practices for Employers</b> by Kali Wellington, Esq., <i>Pepper Hamilton, LLP</i>
11:00 am – 11:30 pm	<b>Drilling a Large Diameter Top Hole</b> by Todd Giddings, Ph.D., P.G., <i>Todd Giddings and Associates, Inc.</i>	
11:30 am – 12:00 pm	<b>Job-Site Successes Treating Muddy Geothermal Drilling Water with a Polymer</b> by David Powell, CWD/PI, <i>Edward Powell Pump &amp; Well Drilling</i>	
12:00 pm – 1:00 pm	LUNCH <i>(provided)</i>	
1:00 pm – 2:00 pm	<b>Proper Silica Selection for Geothermal Loop Installation</b> by Todd Tannehill, <i>CETCO, Inc.</i>	<b>Variable Frequency Drives: A Valuable Tool for Your Business</b> by Jim Hartmann, <i>Franklin Electric</i>
2:00 pm – 3:00 pm	<b>PEXa vs. HDPE Pipe Thermal Performance Comparison</b> by Todd Giddings, Ph.D., P.G., <i>Todd Giddings and Associates, Inc.</i>	
3:00 pm – 4:00 pm	<b>Geothermal Drilling and Grouting</b> by Dennis Duty & Jeff Quinn, <i>Baroid Industrial Drilling Products</i>	
4:00 pm	CONFERENCE ADJOURNS and EXHIBITOR TEAR-DOWN	

NOTE: *Shading indicates a Professional Development Hours Presentation*