

Potomac River Basin Drinking Water Source Protection Partnership
2014 Annual Meeting ~ November 20, 2014
Gettysburg, PA

Information Session on Shale Gas Development

10:15am – 12:00noon

Moderator: G. Patrick Bowling, P.G.

PA Department of Environmental Protection – Bureau of Safe Drinking Water

WATER RESOURCES ISSUES RELATED TO SHALE GAS DEVELOPMENT

Bryan Swistock, Water Resources Coordinator, Penn State Extension, University Park, PA;
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Bryan Swistock is a Water Resources Specialist in the College of Agricultural Sciences, School of Forest Resources at Penn State University. He received a bachelor's degree in Environmental Health from Indiana University of Pennsylvania and a master's degree in Environmental Pollution Control from Penn State University. For the past 27 years he has conducted research, teaching and extension programs on water resources issues throughout Pennsylvania. Since 2007 Bryan has focused his extension and research programs on water issues related to Marcellus gas drilling. Most recently, Bryan and a team of researchers and Extension educators at Penn State completed a large research project studying the potential impacts of Marcellus gas drilling on private water wells throughout Pennsylvania.

PROTECTION OF WATER QUALITY AND WATER RESOURCES FOR UNCONVENTIONAL SHALE GAS DEVELOPMENT IN PENNSYLVANIA

Joe Lee, P.G., Chief, Division of Subsurface Activities, Bureau of Oil & Gas Planning and Program Management, PA Dept. of Environmental Protection, Harrisburg, PA; joslee@pa.gov

Joe Lee is Chief of the Division of Subsurface Activities, for the Bureau of Oil & Gas Management, in the Pennsylvania Department of Environmental Protection. A PA-licensed professional geologist, he received his BS degree in geology from the Pennsylvania State University and has completed course work for a master's of Environmental Pollution Control. He has certificates in hydrogeology and geographic information systems. His present area of work is in the development and implementation of policy and technical assessment of all subsurface activities for the state's oil and gas program. Mr. Lee also served for three years as Chief of the Division of Compliance and Data Management in the Bureau of Oil & Gas Management. Prior to that position, Mr. Lee managed the Source Water Assessment and Protection Program including the Wellhead Protection and Ground Water Protection Programs. From 1988 to 1998, Mr. Lee supervised the development and implementation of Filter Plant Performance Evaluation Program designed to optimize drinking water treatment plant operations. While with the Safe Drinking Water (SDW) Program, he developed and managed the program's geographic information system. Prior to his SDW Program work, Mr. Lee evaluated the impacts of coal mining and quarries on surface and ground-water systems for the Bureau of Mining and Reclamation. He has also served on the Board of Directors of the Ground Water Protection Council for over 10 years.

MARYLAND'S MARCELLUS SHALE SAFE DRILLING INITIATIVE: THE PROCESS, THE RESULTS, AND THE FUTURE

Brigid Kenney, Senior Policy Advisor, Maryland Department of the Environment, Baltimore, MD;
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Brigid Kenney is a Senior Policy Advisor at the Maryland Department of the Environment. She joined MDE in 2007 following a 28 year career as an environmental lawyer for a large Baltimore law firm. She has served as staff to the Marcellus Shale Safe Drilling initiative for the last 3 ½ years and is the point person for all things Marcellus at MDE.