



## SPRING CREEK WATERSHED ASSOCIATION

*A grassroots stakeholder initiative*

### Association Meeting

Tuesday, December 14, 2010

7:30 – 9:30 am

Patton Township Municipal Building

#### Welcome and Introductions – Bob Eberhart

#### **1. Water Resources Issues Related to Marcellus Gas Development** – Bryan Swistock

*Bryan serves as the state Water Resources Extension Specialist through the School of Forest Resources in the College of Agricultural Sciences. For the past 22 years, he has conducted research and outreach programs related to important statewide water issues including safe drinking water, Marcellus gas drilling, watershed management, water conservation, pond and lake management, acid deposition, climate change, and impacts of land use changes on water resources.*

#### **Presentation Abstract**

*Marcellus gas drilling activity has generated numerous questions and concerns about impacts on water resources of Pennsylvania. Unlike traditional gas well drilling in Pennsylvania, Marcellus drilling uses much larger amounts of freshwater, often in excess of three million gallons for each well. The location and timing of water withdrawals to meet this demand must be carefully planned to limit impacts on aquatic biota and other water users. The large water use also results in several hundred thousand gallons of waste fluids that must be carefully collected, transported and treated to protect surface and groundwater supplies. Proper collection and disposal of waste fluids are especially important to protect the one million private water wells and springs that provide drinking water for over three million residents of the state. Finally, the location of drilling is important to protect surface streams and groundwater, especially during high flow periods. This presentation will discuss each of these issues including the current state regulations related to each topic and voluntary measures that landowners can perform to protect their water resources.*

#### **2. Important Announcements and Comments on Items Not on the Agenda**

**3. Report of the Committee to Nominate a New Chair and Vice-Chair of the Association**  
– *Bob Eberhart.*

**4. ClearWater’s Strategic Planning Effort as it may affect the Watershed Association –**  
- *Jen Shuey*

**5. Committee Reports**

- a. The Sustainability Workshop – Follow-up – *Ann Donovan*
- b. Model Ordinance for Borehole and Well Drilling – *Todd Giddings*
- c. The Association’s Website – *Paul Bartley*

**Other Matters to come before the Association**

**6. Committee/ Agency Updates**

- a. Spring Creek Canyon Update – *Jen Shuey*
- b. USGS model & critical recharge area analysis – *Jen Shuey*
- c. ClearWater Conservancy – *Jen Shuey*
- d. Water Resources Monitoring Committee –
- e. Centre County Conservation District – *Ann Donovan*
- f. Spring Creek Chapter Trout Unlimited – *Bob Donaldson & Bob Eberhart*
- g. Spring Creek Watershed Commission – *Paul Bartley*
- h. Water Resources Regional Committee - *Todd Giddings*

**7. Next Meeting of the Association – January 18, 2011**