

March 6 & 7, 2007 - Oglebay Resort and Conference Center in Wheeling, WV



Tuesday, March 6

- 7:30 am - 8:30 am *Registration and Continental Breakfast*
- 8:30 am - 9:00 am *Introduction, Objectives and Purpose of the Workshop*
Roger W. Calhoun, Director, Charleston Field Office
Office of Surface Mining
- 9:00 am -10:20 am *Infiltration/Recharge Rates and Mechanisms to Underground Mines*
This session will include a discussion of area variability, in addition to stream and aquifer leakage.
Jay Hawkins, Hydrologist, Appalachian Region
Office of Surface Mining
- 10:20 am -10:35 am ***BREAK***
- 10:35 am -12:00 pm *Coal Barrier Seepage and Flow Between Mines*
This session will include a discussion of coal barrier seepage flow and flow over barriers.
Tom Galya, Physical Scientist, Charleston Field Office
Office of Surface Mining
- 12:00 am - 1:30 pm ***LUNCH***
- 1:30 pm - 3:00 pm *Water Quality Changes with Time*
This session will include a discussion of both flooded and unflooded mines.
Eric Perry, Hydrologist, Appalachian Region
Office of Surface Mining
- 3:00 pm - 3:15 pm ***BREAK***

3:15 pm - 4:45 pm

Hydrologic Analysis for Underground Mine Permitting

This session will include a discussion of the types of data and analytical processes useful at the mine development/permitting stage for estimating flooding and post-closure mine-pool conditions.

*Greg Curry, Geologist III, Division of Mining and Reclamation
West Virginia Department of Environmental Protection*

Wednesday, March 7

7:30 am – 8:00 am

Registration and Continental Breakfast

8:00 am -10:00 am

Other Topics

This session will include discussions of other salient mine-pool parameters that do not require an individual topical session. These may include topics like internal seals, artesian discharge from mine pools, water storage properties, spatial variability in physical and chemical properties, blowout potential and mine-pool flow systems.

*Nick Schaer, Program Development Geologist
Division of Mining and Reclamation
West Virginia Department of Environmental Protection*

10:00 am -10:15 am

BREAK

10:15 am -12:15 pm

Close-Out Session

This session will focus on action items. Depending on earlier discussions, this may be as simple as agreeing to look at some permit monitoring data or as complex as recommending a specific study by an outside group.

*Roger W. Calhoun, Director, Charleston Field Office
Office of Surface Mining*

Each session will have:

- 1. A moderator to keep the session on task and to prompt participants in the discussion.*
- 2. An opening presentation (approximately 30-45 minutes) on the topic to spur thought and discussion.*
- 3. A general discussion period where different states and others describe how they deal with each issue, what data and analytical methods are used and the levels of confidence ascribed to the finding.*
- 4. A facilitator to record the points that are being discussed.*