

## Pennsylvania Longwall Coal Mining



WallacePancher Group conducts pre-mining baseline field investigations necessary to support the environmental permitting requirements of the Pennsylvania Department of Environmental Protection (PADEP) via technical guidance document (TGD) #563-2000-655 “*Surface Water Protection – Underground Bituminous Coal Mining Operations*”. WallacePancher Group is also responsible for the compilation and submittal of PADEP Surface Mining Control and Reclamation Act (SMCRA) permit applications, as well as conducting post-mining field investigations, including long-term biological and flow monitoring, necessary to support all environmental regulatory compliance measures.

Since 2003, WallacePancher Group has performed the following field investigations in support of longwall mining projects:

- Over 65,000 acres of land investigated for wetlands
- Over 500 miles of stream classification
- Over 10,000 Macroinvertebrate samples collected
- Over 50 longwall panels permitted

### SERVICES PROVIDED:

- **Baseline Stream and Wetland Delineations**
- **Baseline Biological Monitoring**
- **Subsidence Modeling**
- **PADEP/ USACE Permitting**
- **Stream Restoration Area Design**
- **Compliance Monitoring (Biology and Hydrology)**