



## **BERNIER CONSTRUCTION, INCORPORATED PROJECT SUMMARY**

**Project Title:** Weedville Abandoned Mine Reclamation Project

**Location:** Jay Township, Elk County, PA

**Scope:** Provide labor, materials, equipment, and supervision to reclaim an abandoned surface coal mine area

Berner Construction was awarded a contract from Erie Insurance Company to complete a PA Department of Environmental Protection (PADEP) abandoned mine reclamation project. The project is located in Jay Township, Elk County, PA. The project was initially started by another contractor that failed to perform the work. Berner Construction was then contracted to complete the project at the recommendation of PADEP..

This 56 acre ecosystem restoration project includes clearing and grubbing, implementation of the Erosion and Sedimentation Control Plan, constructing brush barriers, gas line relocation, constructing subsurface drain, grading, ditch excavation, constructing rock lining, demolition and disposal of facilities and restoration.



**Grading and Compacting the Pit Floor**

The project involved excavation and backfill of 572,000 cy of spoil material to be graded to blend into the adjacent topography. Additionally, approximately 70,000 tons of coal refuse material was relocated and overlain with 5,000 tons of high alkaline material prior to blending into the grading areas.



**Completed and Restored Grading Area**

Approximately 4,200 linear feet of subsurface drain and 500 feet of rock-lined channels were installed to promote mine and water drainage on the project site. The project site also contained coke ovens and a concrete water reservoir from former coal operations that were to be demolished as part of the project scope. Finally, 3,400 linear feet of 4-inch gas line piping was removed and relocated to facilitate grading of the project site.

As each grading area was completed, it was restored by the application of lime, fertilizer, seed and mulch until all 56 acres were completed.