



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

**Project Title:** Interchange 56 South Abandoned Mine Land Reclamation Project

**Location:** Scranton City, Lackawanna County, PA

**Scope:** Provide labor, materials, and equipment to reclaim abandoned strip pits thereby eliminating a public health and safety hazard

Berner Construction was awarded a contract from the PA Department of Environmental Protection, Bureau of Abandoned Mine Reclamation, to eliminate a public health and safety hazard by excavating, backfilling and grading abandoned strip pits located in Scranton City, Lackawanna County, PA. The project scope consisted of clearing and grubbing, excavating, backfilling, grading, constructing ditches, and restoring the 30 acre site.

The abandoned mine site property is owned by Marywood College but has been an unofficial dump site for tires, vehicles, construction debris, and other trash for many years. Prior to grading and backfill, the trash, vehicles, and several thousand tires were removed and disposed at an off-site recycle facility.



**Site Grading**

The project included the implementation of the Erosion and Sedimentation Control Plan, installation of 3,000 linear feet of rock lined channels using 4,000 tons of rock, and the construction of brush piles for small animal habitat. Approximately 301,000 cubic yards of displaced materials from the mining operation were used to backfill and grade the 30 acre site.

Berner used a Caterpillar D-11 bulldozer, excavators, and articulating dump trucks to perform the soil excavation and grading operation. The proper grades for the project site were maintained through the duration of the project using a TopCon GPS system.

The final site restoration involved seeding, fertilizing, and mulching 30 acres of restored area.

Marywood College intends to make use of the restored area for athletic fields.



**After Site Restoration**