



BERNIER CONSTRUCTION, INCORPORATED PROJECT SUMMARY

Project Title: Grassflat Northwest Abandoned Mine Reclamation Project Site

Location: Cooper Township, Clearfield County, Pennsylvania

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

Berner Construction was awarded a contract from the PA Department of Environmental Protection, Bureau of Abandoned Mine Reclamation, to reclaim an abandoned strip coal mine site located in Clearfield County, PA. The 146 acre site is located on private property in Cooper Township and the site is divided by the Cooper Two Township Road. The 146-acre ecosystem restoration project includes clearing and grubbing, implementation of the Erosion and Sedimentation Control Plan, alkaline addition, channel excavation, grading, site restoration and tree planting.



Installing Drainage Piping

The project included the installation of 12,000 linear feet of fabric filter fence, placement of 3785 tons of high calcium limestone, and the installation of 7500 linear feet of rock-lined channel,. The project included the excavation, grading, and backfill of over 1,750,000 cubic yards of displaced materials from the mining operations. The final site restoration included seeding, fertilizing, and mulching 146 acres of restored area and planting 132 trees.



Grading Site

Berner utilized a Topcon® machine-mounted GPS system to provide grade control during the backfilling and grading operations. The GPS was also used to install the rock lined storm water channels and the construction of a half acre stormwater retention pond that was included in the project design.