

TREATMENT OF BULLDOG EXCAVATING ANDREWS RUN STRIP AMD

Growing Greener Grant Document#4100064219

Sponsor: Sewickley Creek Watershed Association

PROJECT DESCRIPTION:

The Andrews Run site is a reclaimed surface mine that was mined by Bulldog Excavating. After cessation of mining polluted discharges developed from the toe of spoil that polluted an unnamed tributary to Andrews Run, a tributary to Sewickley Creek in Westmoreland County, PA. With Bulldog Excavating's bankruptcy, water treatment responsibilities were transferred to the PA Department of Environmental Protection (PADEP). In 2009 PADEP contracted with Hedin Environmental to develop a passive treatment plan for the discharges. The treatment plans were delivered to the PADEP in 2011 and were used by Sewickley Creek Watershed Association to develop a treatment proposal that was submitted to the PA Growing Greener Program in 2012. The project was funded in 2013 and the system was installed in 2016.

PROJECT GOALS:

The goals were to capture and treat the abandoned mine discharge.

PROJECT RESULTS:

The results were the successful installation of a passive treatment system. The project was installed as per design and captures and treats the mine discharge. The system removes primary pollutants including iron and manganese.

Aerial View of Completed Treatment System Being Hydro-seeded



PROJECT COSTS:

Grant was for \$182,782.

LESSONS LEARNED:

The value of partners is crucial. Cooperation amongst the landowners, consultant, DEP, WCD, and SCWA was essential.

CONTACT INFORMATION:

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