

# SCHUYLKILL RIVER RESTORATION FUND

## Belle Colliery, Reevesdale and Otto Abandoned Mine Drainage Systems

### Project Overview

The Schuylkill Headwaters Association received a grant award for over \$60,000 to complete upgrades to three AMD treatment systems in Schuylkill County. Belle Colliery, Reevesdale and the Otto systems were all in need of upgrades and adjustments to ensure continued successful treatment of impacted water being released from local mines.

Old limestone was removed and replaced at the Belle Colliery system and this highly effective facility now continues to treat AMD.

Work at the Reevesdale South Dip system was completed as limestone was removed at the inlet area.

Here a 12" pipe was installed from the by-pass outlet to the lower wetland. A concrete berm was also installed at the drain overflow and all of the disturbed areas were reseeded and mulched. All discharge water is again flowing through the system and recent lab results indicate excellent results.

Upgrades were made to the Otto treatment through the installation of an aeration system to the settling pond as well as the introduction of a turbidity curtain which allows more time for metals to settle out into the pond.

All three of these projects directly address abandoned mine drainage discharge coming from bore holes releasing water from abandoned mines directly into the watershed.

### Summary & Funding



#### Project Deliverables

- Significant upgrades were made to three Abandoned Mine Drainage Systems in Schuylkill County

#### Funding and Leveraged Dollars

Grant Award	\$61,141
William Penn Foundation	20,380
<b>Total Project Cost</b>	<b>\$81,521</b>

