

SLIPPERY ROCK WATERSHED COALITION

ERICO BRIDGE RESTORATION AREA



[Portion of "kill area" below abandoned mine drainage]



[Portion of 60,00-CY of abandoned coal refuse in Seaton Creek]

Location: B&LE Railroad and Tiche properties, Venango Twp., Butler Co.; east of Erico Road bridge across Seaton Creek

Restoration for Drainage Abatement:

- collection system for five discharges with combined total flow over 300 gpm;
- installation of 1 to 3 Anoxic Limestone Drains (17,000 tons aggregate);
- construction of 10-ac. settling pond/wetland;
- installation of Horizontal Flow Limestone Bed (10,000 tons aggregate)

Impact: With abatement of the pollutive discharges associated with the abandoned underground mine, over 100,000 lbs/yr of acidity and metals are eliminated from Seaton Creek, the most heavily-impacted major tributary in the Slippery Rock Creek headwaters. This is the final remaining major discharge area along the main branch of Seaton Creek. This effort will result not only in a major improvement of the stream water quality but also encourage the return of pre-impact aquatic life.

Partnership Participants: B&LE and Flick(landowners); PA DEP-Knox DMO; Quality Aggregates, Inc.; Scrubgrass Generating Plant; Grove City College; SRWC volunteers; Aquascape; WOPEC; BioMost, Inc.; Stream Restoration Inc.

Contact: For more information, contact any participant.

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