

# Montour Run Watershed Association

## Boggs Road Mine Drainage Remediation System



Treating this alkaline iron-laden abandoned mine discharge with a constructed naturally-functioning wetland will prevent over 3 tons per year of iron from entering South Fork Montour Run resulting in the improvement of over 2 miles of stream.

Location: Kropf property and Imperial Land Corporation property, Findlay Twp., Allegheny County, PA

Potential Impact: The South Fork of Montour Run has the potential to be restored to a Trout Stocked Fishery. Successful completion of this project will improve over 2 miles of stream. The passive system is expected to eliminate over 3 tons of metals per year from entering South Fork Montour Run.

Project Description:

The project will involve the construction of  $\frac{3}{4}$ -acre naturally-functioning wetlands and pond to treat an alkaline iron-laden abandoned mine discharge. Because the 30 to 75 gallon per minute discharge is net alkaline, passive treatment with a wetland is a viable option. The final pond will be constructed for waterfowl habitat.

Partnership Participants: Imperial Land Corporation (landowner); Kropf family (landowner); PADEP Greensburg DMO; Montour Run Watershed Association; Quality Aggregates, Inc.; Aquascape; BioMost, Inc.; Stream Restoration Inc.; volunteers;

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