

# PASSIVE TREATMENT SYSTEM O&M INSPECTION REPORT

12/2005

Inspection Date: _____	Project Name: <b>Boggs Road Mine Drainage Remediation System</b>
Inspected by: _____	Municipality: <b>Findlay Township</b>
Organization: _____	County: <b>Allegheny</b> <span style="float: right;">State: <b>PA</b></span>
Time Start: _____ End: _____	Project Coordinates: <b>40° 26' 25"</b> Lat <b>80° 17' 09"</b> Long
Receiving Stream: <b>South Fork of Montour Run</b>	Subwatershed: <b>Montour Run</b> Watershed: <b>Ohio River</b>

**Weather (circle one):** Snow Heavy Rain Rain Light Rain Overcast Fair/Sunny **Temp(°F):** #32 33-40 41-50 51-60 60+

Is maintenance required? Yes/No If yes, provide explanation: \_\_\_\_\_

## INSPECTION SUMMARY

### A. Site Vegetation (Uplands and Associated Slopes)

Overall condition of vegetation on site: 0 1 2 3 4 5 (0=poor, 5=excellent, circle one) (See instructions.)

Is any reseeding required? Yes/No If yes, describe area size and identify location on Site Schematic: \_\_\_\_\_

### B. Access and Parking Area

Is the access road accessible for operation and monitoring? Yes  No

Does the access need maintenance? Yes  No

Describe maintenance performed and remaining (Identify location on Site Schematic.): \_\_\_\_\_

### C. & D. "Housekeeping" and Vandalism

Is there litter along the road? Yes  No  Is there litter around or in the passive system? Yes  No

Is there litter or other materials that may be considered hazardous or dangerous that requires special disposal? Yes  No

Is the weir at the final spillway damaged or missing? Yes  No  Is the weir functioning as it should? Yes  No

Does the weir need to be repaired or replace? Yes  No  Has the weir been repaired or replaced? Yes  No

Additional comments: \_\_\_\_\_

### E. Diversion Ditch, Channels, and Spillways

Channel Identification	Significant Erosion (Y/N)	Debris Present (Y/N)	Maintenance Performed (Y/N)	Maintenance Performed and Remaining <small>(Indicate ditch, channel, or spillway by number i.e. 3a = Forebay spillway)</small>
1. Diversion Ditch				
2. By-Pass Channel				
3. Rock-Lined Spillways				
a. Forebay				
b. Precipitation Pool				
b. Bioswale 1				
c. Bioswale 2				
d. Wetland (WL)				
e. Wetland/ Pond (WL/Pond)				
f. By-Pass spillway				
3. Weir				

## F. Passive Treatment System Components

Component	Significant Erosion (Y/N)	Berms Stable (Y/N)	Vegetation Successful (Y/N)	Siltation Significant (Y/N)	Water Level Change (Y/N)	Maintenance Performed and Remaining (Indicate component i.e. Forebay)
Forebay						
Precip. Pool						
By-Pass						
BSWL 1						
BSWL2						
WL						
WL/ Pond						
Weir						

## G. Wildlife Utilization

Animal sighted or tracks observed: \_\_\_\_\_

Invasive plants observed: \_\_\_\_\_

Describe any damage caused to treatment system by wildlife (especially muskrats) and required maintenance: \_\_\_\_\_

## H. & I. Flow Measurement, Field Water Monitoring, and Sample Collection

Water sample locations as marked on plan.

- Not monitored

Sampling Point	Weir Measurement (hundredths feet)	Calculated Flow (gpm)	pH	Temp (°C)	Alkalinity (mg/L)	DO (mg/L)	Iron (mg/L)	Comments	Bottle #	Bottle # (total metals)	Bottle # (diss. metals)
Forebay (Raw)											
WL (optional)											
SMFU2 (Effluent)											
S-24 (stream)											

## J. Schematic

