

PASSIVE TREATMENT SYSTEM O&M INSPECTION REPORT

Rev 01/2007

Inspection Date: _____	Project Name: De Sale Restoration Area – Phase I
Inspected by: _____	Municipality: Venango Township
Organization: _____	County: Butler State: PA
Time Start: _____ End: _____	Project Coordinates: 41 08' 33" Lat 79 49' 48" Long
Receiving Stream: Unnamed Tributary	Sub-watershed: Seaton Creek Watershed: Slippery Rock

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. Site Access and Parking

Is the access road passable for operation and monitoring? Yes/No?

Does the access road need maintenance? Yes/No?

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

C. Vandalism and "Housekeeping"

Is there litter around or in the passive system? Yes/No? If Yes, was the litter picked up? Yes/No?

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

Is there evidence of vandalism to the passive system? Yes/No?

Additional comments: _____

D. Ditches, Channels, Spillways

Channel Identification	Erosion Rills (Y/N)	Debris Present (Y/N)	Maintenance Performed (Y/N)	Maintenance Performed and Remaining (Indicate ditch or spillway by number i.e. 1c= WL)
1. Rock-Lined Spillways				
a. VFPPN				
b. VFPS				
c. WL				
d. HFLB				
2. Diversion Ditch				

E. Passive Treatment System Components

Component	Erosion Rills (Y/N)	Berms Stable (Y/N)	Vegetation Successful (Y/N)	Siltation Significant (Y/N)	Water Level Change (Y/N)	Valves Operable (Y/N)	Maintenance Performed and Remaining Indicate which component i.e. VFPPN
Forebay						NA	
VFPPN							
VFPS							
WL						NA	
HFLB						NA	

Other (Such as flow splitter box issues, water flowing over HFLB emergency spillway, broken pipes, etc): _____

F. Wildlife Utilization

Animals sighted or tracks observed

Invasive plants observed _____

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

G. VFP Pipe Monitoring – Use Bucket and Stopwatch method (Indicate no flow by entering “0” in Gallons Measured)

[A maximum of 8 pipes will be discharging for VFPN & VFPS.]

VFPN					VFPS				
Pipe #	pH	Alk.	Flow		Pipe #	pH	Alk.	Flow	
			gals.	sec.				gals.	sec.
1L					5L				
1U					5U				
2U					6U				
2L					6L				
3L					7L				
3U					7U				
4U					8U				
4L					8L				

Was Vertical Flow Pond North (VFPN) Flushed? Yes/No?

Was Vertical Flow Pond South (VFPS) Flushed? Yes/No?

Are any of the pipes broken? Yes/No?

Additional Comments:

H. Field Water Monitoring and Sample Collection - Raw water sample locations as marked on plan. For passive components sample effluent.

 - Not monitored

[illegible]