

PASSIVE TREATMENT SYSTEM O&M INSPECTION REPORT

11/2022

Inspection Date: _____	Project Name: Barkley Road Treatment System (Moraine State Park)
Inspected by: _____	Municipality: Brady Township
Organization: _____	County: Butler State: PA
Time Start: _____ End: _____	Project Coordinates: 40.970265 Lat -80.022998 Long
Receiving Stream: Lake Arthur	Subwatershed: Muddy Creek Watershed: Slippery Rock Creek

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 reseeded required? Yes/No If yes, describe area size and identify location on Site Schematic:

B. 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: _____

C. 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)	Spillways Operable (Y/N)	Maintenance Performed and Remaining <small>Indicate which component i.e. SP</small>
Collection Pond						NA		
Wetland						NA		
Settling Pond						NA		
Sludge Pond							NA	

Additional Comments:

D. Wildlife Utilization

Animal sighted or tracks observed _____

Invasive plants observed _____

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

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

- Not monitored

Sampling Point	Flow Measurement		Calculated Flow (gpm)	pH	Temp (°C)	Alkalinity (mg/L)	DO (mg/L)	Iron (mg/L)	Comments	Bottle #	Bottle # (total metals)	Bottle # (diss. metals)
	gals	sec.										
MSP-1												
MSP-2												
MSP-3												