PASSIVE TREATMENT SYSTEM O&M INSPECTION REPORT

Inspection Date:		Project Name:	**Solar**
Inspected by:		Municipality:	**Findlay Township**
Organization:		County:	**Allegheny** State: **PA**
Time Start:	End:	Project Coordinates:	**40° 26' 34"** Lat **80° 18' 40"** Long
Receiving Stream:	**Unnamed Tributary**	Subwatershed:	**Saint Patrick Run** Watershed: **Little Raccoon Run**

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

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.)
Does the site have any areas that need to be stabilized? ***Yes / No*** If yes, explain maintenance performed or needed:

B. Site Access

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. Wildlife Utilization

Animals sighted or tracks observed_____
Invasive plants observed _____
Describe any damage caused to treatment system by wildlife (especially muskrats) and required maintenance:

D. Settling Pond 2 (SP2)

Enter effluent pH, temp, alkalinity, flow and other field data as applicable in Section G.
Is any Maintenance needed? ***Yes / No*** If Yes, Check which elements of the Pond require maintenance and provide further detail below

Element	√ if need	Maintenance needed
Outlet Spillway		
Berms		

Describe Maintenance performed?_____
Additional comments:_____

E. Settling Pond 1 (SP1)

Enter effluent pH, temp, alkalinity, flow and other field data as applicable in Section G.
Is any Maintenance needed? ***Yes / No*** If Yes, Check which elements of the Pond require maintenance and provide further detail below

Element	√ if need	Maintenance needed
Outlet Spillway		
Berms		

Describe Maintenance performed?_____
Additional comments:_____

F. Anoxic Limestone Drain (ALD) & Buried Anaerobic Wetland (BAW)

Enter effluent pH, temp, alkalinity, flow and other field data as applicable in Section G.
Is any Maintenance needed? ***Yes / No*** If Yes, Check which elements of the Pond require maintenance and provide further detail below

Element	√ if need	Maintenance needed
Outlet Spillway		
Flume		

Describe Maintenance performed?_____
Additional comments:_____

Is there evidence of water escaping the ALD/BAW which may indicate the ALD/BAW is becoming plugged? ***Yes / No***

G. Field Water Monitoring and Sample Collection

Water sample locations as marked on plan.

Sampling Point	Flow Measurements		Calculated Flow (gpm)	pH	ORP	Temp (°C)	Alkalinity (mg/L)	DO (mg/L)	Iron (mg/L)	Comments	Bottle #	Bottle # (total metals)	Bottle # (diss. metals)
	gals	sec.											
ALD/BAW													
SP1													
SP2