

PASSIVE TREATMENT SYSTEM O&M INSPECTION REPORT

3/2007

Inspection Date: _____	Project Name: JB2
Inspected by: _____	Municipality: Smith Township
Organization: _____	County: Washington State: PA
Time Start: _____ End: _____	Project Coordinates: 40° 22' 02" Lat 80° 21' 38" Long
Receiving Stream: Unnamed Tributary	Subwatershed: Raccoon Creek Watershed: Ohio River

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

Are the access roads and parking areas passable for operation and monitoring? **Yes / No**

Do the access roads and parking areas need maintenance? **Yes / No**

Does the split rail fence need maintenance? **Yes / No** Do any of the fence gates 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 Basin (SB)

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		
Effluent Pipe		
Inline Water Control Structure #1		
Access Deck		
Emergency Spillway		
Berms		

Describe Maintenance performed? _____

Additional comments: _____

E Sloped Limestone Bed (SLB) & Forebay

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		
Effluent Pipe		
Inline Water Control Structure #2		
Access Deck		
Berms		
Concrete Blocks		

Describe Maintenance performed? _____

Additional comments: _____

Was the SLB flushed **Yes / No** Was the SLB backflushed? **Yes / No** Does the SLB need to be flushed or backflushed? **Yes / No**

F. Joffre Borehole #2 Abandoned Mine Discharge (JB2) & Discharge Collection Basin

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
Concrete Inlet to Forebay		
Drain pipe		
Drain pipe valve		
Inlet spillway to Forebay		
Collection Basin		
Emergency Spillway		
Collection Basin Berm		

Describe Maintenance performed? _____

Additional comments: _____

Is all of the discharge being collected and conveyed to the Sloped Limestone Bed? **Yes / No** If no, was this corrected? **Yes / No**

G. Field Water Monitoring and Sample Collection

Water sample locations as marked on plan.

☐ - Not monitored

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.											
JB2													
Forebay													
SLB													
Settling Basin													
Raccoon Creek @ Keys Road													

