

# PASSIVE TREATMENT SYSTEM O&M INSPECTION REPORT

R ev 05/2006

|                                       |   |
|---------------------------------------|---|
| Inspection Date: _____                | Project Name: <b>Erico Bridge Restoration Area</b>                      |
| Inspected by: _____                   | Municipality: <b>Venango Township</b>                                   |
| Organization: _____                   | County: <b>Butler</b> State: <b>PA</b>                                  |
| Time Start: _____ End: _____          | Project Coordinates: <b>41 07' 31"</b> Lat <b>79 51' 38"</b> Long       |
| Receiving Stream: <b>Seaton Creek</b> | Subwatershed: <b>Seaton Creek</b> Watershed: <b>Slippery Rock Creek</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. 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?

Has the project and/or educational signs been damaged? ? 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<br>(Indicate ditch by number i.e. 2b = SP2) |
|-------------------------|---------------------|----------------------|-----------------------------|---|
| 1. Diversion Ditch      |                     |                      |                             |   |
| 2. Rock-Lined Spillways |                     |                      |                             |   |
| a. SP1                  |                     |                      |                             |   |
| b. SP2                  |                     |                      |                             |   |
| c. WL1                  |                     |                      |                             |   |
| d. SP3                  |                     |                      |                             |   |
| e. SP4                  |                     |                      |                             |   |
| 3. Emergency Spillways  |                     |                      |                             |   |
| a. HFLB                 |                     |                      |                             |   |
| 4. Other Channels       |                     |                      |                             |   |
| a. HFLB to Seaton Creek |                     |                      |                             |   |
| b. SP5 to Seaton Creek  |                     |                      |                             |   |

### **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) | Maintenance Performed and Remaining<br>Indicate which component i.e. SP1 |
|-----------|---------------------|--------------------|-----------------------------|-----------------------------|--------------------------|--|
| SP1       |                     |                    |                             |                             |                          |  |
| SP2       |                     |                    |                             |                             |                          |  |
| WL1       |                     |                    |                             |                             |                          |  |
| SP3       |                     |                    |                             |                             |                          |  |
| SP4       |                     |                    |                             |                             |                          |  |
| WL2       |                     |                    |                             |                             |                          |  |
| HFLB      |                     |                    |                             |                             |                          |  |
| SP5       |                     |                    |                             |                             |                          |  |

Other (such as O&M related to ALDs, baffle curtains, 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. Field Water Monitoring and Sample Collection** - Raw water sample locations as marked on plan. For passive components sample effluent.

 - Not monitored

[illegible]