PASSIVE TREATMENT SYSTEM O&M INSPECTION REPORT

5/2006

Inspection Date:			Project Nar	ne: Harbison Walker Restoration Effort – Phase I						
Inspected by:			Municipality	y: Ste	ewart Townsl	hip				
Organization:			County:	Fa	yette				State	PA
Time Start:	End:	Project Coordinates: 39		• 50' 37" Lat		79° 29' 34" Long				
Receiving Stream:	Laurel Run		Subwaters	hed: Me	adow Run	Watersh	ed:	Yo	ughiogheny	River
Weather (circle one):	Snow Heavy Ra	in Rain	Light Rain (Overcast	Fair/Sunny	Temp (°F):	≤32	33-40	41-50 51-6	60+0
Is maintenance required	d? Yes/No If yes,	provide exp	planation:							

INSPECTION SUMMARY

A. Site Vegetation (Uplands and Associated Slopes)

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 by number i.e. 2a = ALD
1. Diversion Ditch				
2. Rock-Lined Spillways				
a. ALD				
b. SP1				
c. VFP				
d. SP2				
e. WL				
f. HFLB				
3. Emergency Spillways				
a. VFP				

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. SP1
ALD							
SP1							
VFP							
SP2							
WL							
HFLB							

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.

Sampling Point	gals	sec.	Hd	Temp (°C)	Alkalinity (mg/L)	DO (mg/L)	Iron (mg/L)	Comments	Bottle #	Bottle # (total metals)	Bottle # (diss. metals)
ALD											
SP1											
VFP											
SP2											
WL											
HFLB											
Trib C Above											
Trib C Below											
LR Above Trib C											