

PASSIVE TREATMENT SYSTEM O&M INSPECTION REPORT

Rev 5/2006

Inspection Date: _____	Project Name: Harbison Walker Restoration Effort – Phase II	
Inspected by: _____	Municipality: Stewart Township	
Organization: _____	County: Fayette	State: PA
Time Start: _____ End: _____	Project Coordinates: 39 50' 39" Lat	79 29' 30" Long
Receiving Stream: Laurel Run	Subwatershed: Meadow Run	Watershed: Youghiogheny River

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, Gate and Parking

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

Do the access roads or gate 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 <small>(Indicate ditch by number i.e. 2c = B3A Collection Channel)</small>
1. Diversion Ditch				
2. Collection Channels				
a. B1 (above B1RAW)				
b. B3				
c. B3A				
3. Rock-Lined Spillways				
a. ACVFP (below ACVFPN)				
b. ACSPWL				
c. ACWL to Laurel Run				
d. B1VFP				
e. B1FP				
f. B1SP				
g. B1WL1				
h. B1WL2				
i. B1WL3				
j. B1B3VFP				
k. B1B3SPWL				
l. B1B3 HFLB to Laurel Run				

Channel Identification	Erosion Rills (Y/N)	Debris Present (Y/N)	Maintenance Performed (Y/N)	Maintenance Performed and Remaining (Indicate ditch by number i.e. 2c = B3A Collection Channel)
4. Emergency Spillways				
a. ACVFPS to ACVFPN				
b. ACFP to Trib C				
c. B1FP to ACWL				
d. B1B3FP to Laurel Run				
e. B3ASP				
f. B3SP				
5. Flushing/Primary Spillways				
a. ACVFPN				
b. ACFFPS				
c. B1VFP				

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. ACWL
ACVFPN							
ACVFPS							
ACFP							
B1VFP							
ACSPWL							
ACWL							
B1FP							
B1SP							
B1WL1							
B1WL2							
B1WL3							
B1B3VFP							
B1B3FP							
B1B3SPWL							
B1B3HFLB							
B3ASP							
B3SP							

F. Diversion Well (DW)

Is the Diversion Well effluent pipe flowing? Yes/No? If no, describe why and maintenance required.

(Determine level of stone in the Diversion Well with the marked rod. Lower rod into well. If mark on the rod is below the grate, add stone.)

Is there limestone in the Diversion Well? Yes/No? If no, was it recharged during this inspection? Yes/No?

Does #10 limestone aggregate need to be ordered? Yes/No?

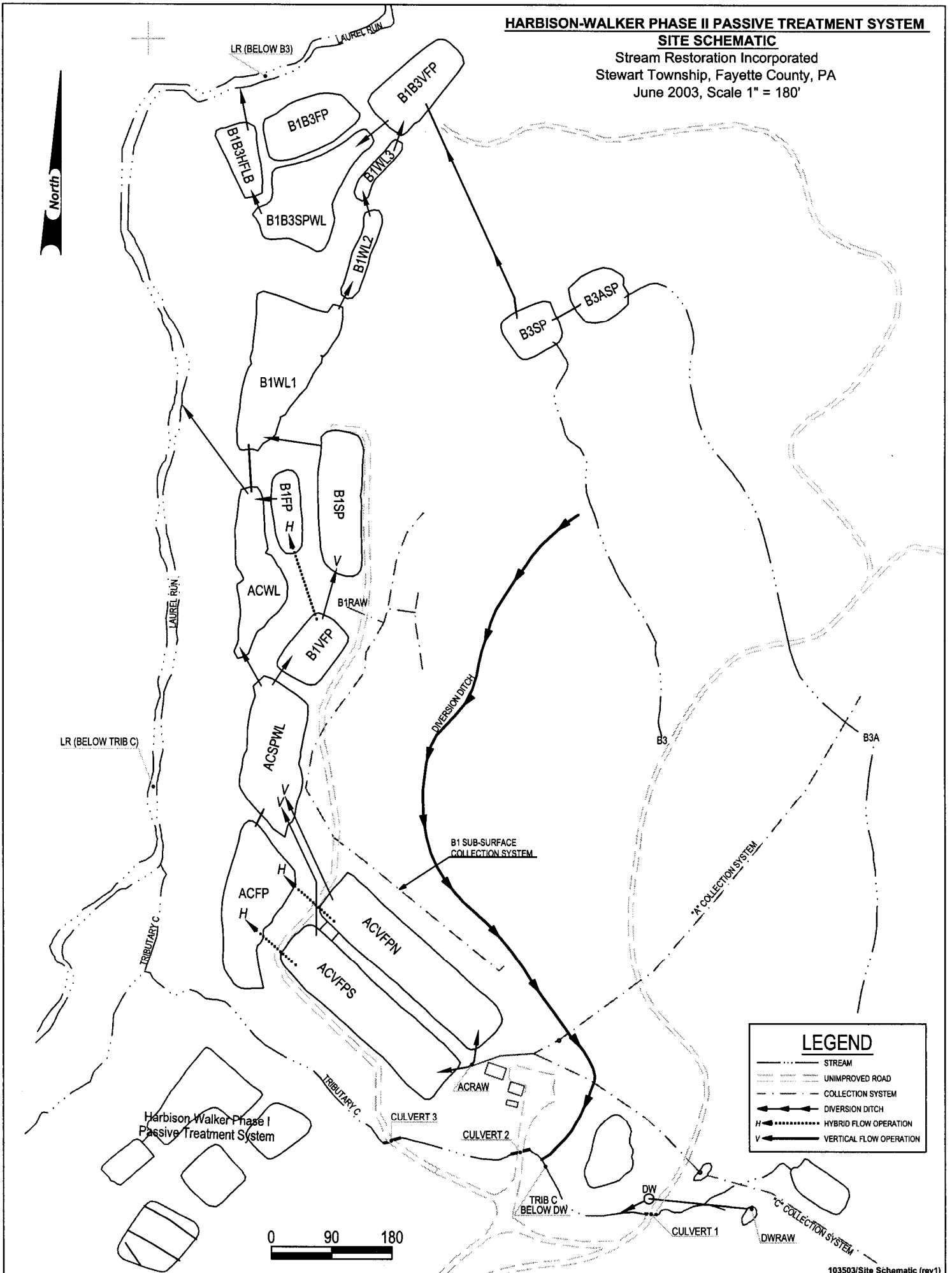
Describe maintenance performed and remaining: _____

G. Culvert Condition

Culvert	Functioning Properly (Y/N)	Siltation/ Plugging Significant (Y/N)	Damaged, Crushed or Broken (Y/N)	Maintenace Performed and Remaining Indicate which culvert
Culvert 1				
Culvert 2				
Culvert 3				

**HARBISON-WALKER PHASE II PASSIVE TREATMENT SYSTEM
SITE SCHEMATIC**

Stream Restoration Incorporated
Stewart Township, Fayette County, PA
June 2003, Scale 1" = 180'



LEGEND

- STREAM
- - - UNIMPROVED ROAD
- · - · COLLECTION SYSTEM
- ← DIVERSION DITCH
- H ····· HYBRID FLOW OPERATION
- V ····· VERTICAL FLOW OPERATION

Harbison Walker Phase I
Passive Treatment System