

**Dents Run Site 3893-Phase II
Passive Treatment System
SITE INSPECTION CHECKLIST**

Inspector(s): _____ Date: _____

General System

- Inspect and clear blockage from:
- Inlet Control Boxes – Seep 8 & 9 VFWs
 - Outlet Water Level Controls – Seep 8 & 9 VFWs
 - Outlet Water Level Control – OPB
 - Beaver Levelers – SFWs

Vertical Flow Wetlands

	<u>VFW 8A</u>	<u>VFW 8B</u>	<u>VFW 9A</u>	<u>VFW9B</u>
Depth to Stop Logs (<i>A</i> ft) ^a	_____	_____	_____	_____
Depth to Water (<i>B</i> ft) ^b	_____	_____	_____	_____
Water Depth at Inlet Pipe Invert (<i>C</i> ft) ^c	_____	_____	_____	_____
Flow Height ($H = A - B$ ft)	_____	_____	_____	_____
Flow Rate ($1495[1 - 0.2H]H^{3/2}$ gpm)	_____	_____	_____	_____
Design Flow Rates (average/maximum)	26/73 gpm	26/73 gpm	53/120 gpm	53/120 gpm

^{a,b}Measure *A* and *B* from the top inside rim of the cell outlet water level control.

^cMeasure *C* from the bottom inside rim of the cell inlet pipe.

If *C* is greater than 0.5 feet, adjust stop logs down 1 to 2 inches; remove one 5 inch stop log if *C* > 0.75 ft.

If *C* remains at greater than 0.75 feet for several days after adjustment, arrange for substrate maintenance.

Oxidation/Precipitation Basin

Thickness of Bottom Sludge at Seep 8 Inlet _____ ft Estimated Measured

Arrange for OPB cleaning if thickness is approaching 3 feet.

Surface Flow Wetlands

Check for washouts of riprap and arrange for repairs if needed.

Notes/Maintenance Performed: _____

