

Worksheet 5. Structural BMP Volume Credits

PROJECT: Sunoco - Doylesburg PP Station
SUB-BASIN: Sherman Creek

Required Control Volume (ft³) - from Worksheet 4:	2,475
Non-structural Volume Credit (ft³) - from Worksheet 3: (maximum is 25% of required volume)	0
Structural Volume Reqmt (ft³): <i>(Required Control Volume minus Non-structural Credit)</i>	2,475

Proposed BMPs from PA Stormwater Best Management Practices Manual Chapter 6	Area (ft ²)	Volume Reduction Permanently Removed (ft ³)
6.4.1 Porous Pavement		
6.4.2 Infiltration Basin		
6.4.3 Infiltration Bed	4,500	4,962
6.4.4 Infiltration Trench		
6.4.5 Rain Garden/Bioretention		
6.4.6 Dry Well/Seepage Pit		
6.4.7 Constructed Filter		
6.4.8 Vegetated Swale		
6.4.9 Vegetated Filter Strip		
6.4.10 Berm		
6.5.1 Vegetated Roof		
6.5.2 Capture and Re-Use		
6.6.1 Constructed Wetlands		
6.6.2 Wet Pond/Retention Basin		
6.7.1 Riparian Buffer/Riparian Forest Buffer Restoration		
6.7.2 Landscape Restoration/Reforestation		
6.7.3 Soil Amendment		
6.8.1 Level Spreader		
6.8.2 Special Storage Areas		
<i>Other:</i>		
Total Structural Volume (ft³):		4,962
Structural Volume Requirement (ft³):		2,475
DIFFERENCE:		-2,487