Worksheet 5. Structural BMP Volume Credits

PROJECT: Sunoco - Mt. Union Valves
SUB-BASIN: Aughwick Creek

Required Control Volume (ft^3) - *from Worksheet 4:* 5,233

Non-structural Volume Credit (ft^3) - *from Worksheet 3:* 0
(maximum is 25% of required volume)

Structural Volume Reqmt (ft^3): 5,233
(Required Control Volume minus Non-structural Credit)

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	5,600	5,968
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 ForestBuffer Restoration		
6.7.2	Landscape Restoration/Reforestation		
6.7.3	Soil Amendment		
6.8.1	Level Spreader		
6.8.2	Special Storage Areas		
Other:			

Total Structural Volume (ft^3): 5,968

Structural Volume Requirement (ft^3): 5,233

DIFFERENCE: -735