



Village of Menomonee Falls
W156 N8480 Pilgrim Road
Menomonee Falls, WI 53051-3140
Telephone: (262) 532-4200

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section SW-1/4 Sec. 29 T08N R20E Name of Business/Subdivision Spencer's Pass West
Property Tax ID Number MNFV0115078 Address of Property County Hwy VV/Silver Spring Road
Date 6/19/2015 Menomonee Falls, WI

Dry Pond	☐
Wet Pond	☒
Other	☐

Location of Pond Middle of subdivision
Pond ID: SWP
Basin No. 4

Year Pond Constructed 2014 Year of Last Certification N/A

Compliance Verification	Design	Actual	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	12"	12"	☒	☐	RCP - new condition
Upstream Invert	848.00	847.84	☒	☐	
Downstream Invert	847.00	847.04	☒	☐	
Length (feet)	37.3 FT	37.3 FT	☒	☐	
Slope (%)	2.68	2.14	☒	☐	
Secondary Outlet Pipe	(If Applicable)				Outlet Pipe Material
Opening Diameter (inches)			☐	☐	
Upstream Invert			☐	☐	
Downstream Invert			☐	☐	
Length (feet)			☐	☐	
Slope (%)			☐	☐	
Riser	(If Applicable)				Riser Material
Opening Diameter (inches)	24"	24"	☒	☐	Precast Concrete - new condition
Elevation	850.15	849.81	☒	☐	
Upper Discharge Control	(If Applicable)				
Opening Diameter (inches)			☐	☐	
Elevation			☐	☐	

Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)	4"	4"	☒	☐		
Elevation	848.00	847.98	☒	☐		
Other (Description)						
Opening Type and Size (inches)			☐	☐		
Elevation			☐	☐		
Emergency Spillway						
Elevation	851.00	851.02	☒	☐		
Length of spillway (feet)	20 FT	20 FT	☒	☐		
Embankment	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation	☐	☒	Minor spot of erosion at safety shelf.			
Animal burrows or slope erosion	☒	☒				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1						
Outfall 2						
Outfall 3						
Storage Properties	Design	Actual	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	848.00	847.76	☒	☐		Rotating lazer level
Design High Water Elevation	850.00	850.00	☒	☐		
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.27	0.27	☒	☐		
Area at Design High Water Elevation (Ac)	0.34	0.34	☒	☐		
Active Storage Available (Ac-Ft)*			☒	☐		
Lowest Elevation at Top of Embankment (If Applicable)			☐	☐		
Average Elevation at Top of Embankment (If Applicable)	852.00	852.00	☒	☐		
Maximum Bottom Elevation			☐	☐		
Average Pond Bottom Elevation	843.00	842.98	☒	☐		
Pond Bottom Area (Ac)	0.10	0.10	☒	☐		
Maximum Pond Depth			☐	☐		
Average Pond Depth			☐	☐		
Average Permanent Pool Depth (Wet Ponds)	7.0 FT	7.0 FT	☒	☐		

*To Determine Active Storage $V = H/3(A1 + A2 + (A1 \times A2)^{1/2})$

Wet Ponds Use H = Height of Section , $A1$ = area at normal water elevation, $A2$ =area at top section

Dry Ponds Use H = Height of Section, $A1$ = pond bottom area, $A2$ =area at top section









