



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 SE ¼ 28-8-20 Name of Business/Subdivision Tall Pines
Property Tax ID Number MNFV0112998032 Address of Property W180 N5748 Marcy Road
Date 12/20/2021

Dry Pond	X
Wet Pond	
Other	

Location of Pond Rain Garden - East
Silver Spring Drive & Marcy Road
Pond ID: SWP28S016
Rain Garden East

Year Pond Constructed 2016 Year of Last Certification 2016

Compliance Verification	Design	Actual	Compliant Yes No	Comments (Condition of Structure)
Primary Outlet Pipe				Outlet Pipe Material
Opening Diameter (inches)				N/A
Upstream Invert	-	-		
Downstream Invert	-	-		
Length (feet)	-	-		
Slope (%)	-	-		
Secondary Outlet Pipe	(If Applicable)			Outlet Pipe Material
Opening Diameter (inches)	-	-		N/A
Upstream Invert	-	-		
Downstream Invert	-	-		
Length (feet)	-	-		
Slope (%)	-	-		
Riser	(If Applicable)			Riser Material
Opening Diameter (inches)	-	-		N/A
Elevation	-	-		
Upper Discharge Control	(If Applicable)			
Opening Diameter (inches)	-	-		N/A
Elevation	-	-		

Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)	-	-			N/A	
Elevation	-	-				
Other (Description)						
Opening Type and Size (inches)					N/A	
Elevation						
Emergency Spillway						
Elevation	841.21	842.21	X		Overflow Spillway along east bank	
Length of spillway (feet)	8'	8'	X			
Embankment	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation		X				
Animal burrows or slope erosion		X				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1	-				N/A	
Outfall 2	-				N/A	
Outfall 3					N/A	
Storage Properties	Design	Actual	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)					X	GPS
Design High Water Elevation	841.34	841.34	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)					X	
Area at Design High Water Elevation (Ac)	0.024	0.024	X			
Active Storage Available (Ac-Ft)*	0.013	0.013	X			
Lowest Elevation at Top of Embankment (If Applicable)	842.5	842.48	X			
Average Elevation at Top of Embankment (If Applicable)	842.5	842.49	X			
Maximum Bottom Elevation	840.71	840.74	X			
Average Pond Bottom Elevation	840.71	840.71	X			
Pond Bottom Area (Ac)	0.017	0.017	X			
Maximum Pond Depth	0.63'	0.65'	X			
Average Pond Depth	0.63'	0.63'	X			
Average Permanent Pool Depth (Wet Ponds)					X	

*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

Sketch Outlet or Attach to Document

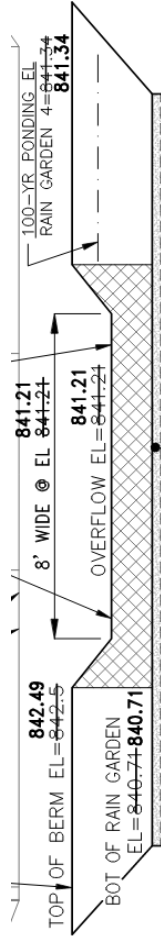


Figure 1 East Rain Garden Looking North



Figure 2 East Rain Garden Looking South

Attach As-built Survey to the Document for the first report submission

Inspection Firm: Trio Engineering, LLC
 Phone Number: 262-790-1480
 Address: 4100 N Calhoun Road
Brookfield, WI 53005

Inspector Name : Dan Scherer, PE
 Inspection Date: December 13, 2021

Certifying Professional Name: Daniel Scherer
 Phone Number: 262-790-1480



Date: 12/20/21

Signature:

Dan Scherer

Affix Seal Here