



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
Property Tax ID Number

SE 1/4 28-8-20 Name of Business/Subdivision Tall Pines
MNFV0112998032 Address of Property
W180 N5748 Marcy Road

Date 12/20/2021

Dry Pond	<input checked="" type="checkbox"/>	Pond ID: <u>SWP28S016</u> <u>Rain Garden East</u>	Location of Pond	<u>Rain Garden - East</u>
Wet Pond	<input type="checkbox"/>			<u>Silver Spring Drive & Marcy Road</u>
Other	<input type="checkbox"/>			

Year Pond Constructed 2016

Year of Last Certification 2016

Compliance Verification	Design	Actual	Compliant Yes	Comments (Condition of Structure)
Primary Outlet Pipe				
Opening Diameter (inches)				N/A
Upstream Invert	-	-		
Downstream Invert	-	-		
Length (feet)	-	-		
Slope (%)	-	-		
Secondary Outlet Pipe	(If Applicable)			
Opening Diameter (inches)	-	-		N/A
Upstream Invert	-	-		
Downstream Invert	-	-		
Length (feet)	-	-		
Slope (%)	-	-		
Riser	(If Applicable)			
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	Equipment Used
Normal Water Elevation (Wet Ponds)					GPS
Design High Water Elevation	841.34	841.34	X		
Area at Normal Water Elevation (Ac) (Wet Ponds)					
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 $V=H/3(A1+A2+(A1xA2)1/2)$

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:



Affix Seal Here