



VILLAGE OF MENOMONEE FALLS
W156 N8480 Pilgrim Road
Menomonee Falls, WI 53051
(262) 532-4200

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section	11 NW	Name of Business/Subdivision	MENO. FALLS VILLAGE HALL
Property Tax ID Number	0042964001	Address of Property	W156N8480 PILGRIM RD
			MENO. FALLS, WI 53051

Dry Pond	
Wet Pond	
Other	X

Description: SWP11N006
P-0145

Location Of Pond
2ND NORTHERLY MOST POND AT
NW CORNER OF VLG HALL
CAMPUS

Year Pond Constructed 2013 Year of Last Certification 2019

Compliance Verification	Design (Non-AsBuilt)	Actual (GPS)	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe (ST013439)					Outlet Pipe Material
Opening Diameter (inches)	12" RCP	12" RCP	X	-	12" RCP IN GOOD CONDITION
Upstream Invert	781.00	781.07	X	-	
Downstream Invert	779.50	779.62	X	-	
Length (feet)	33.2 FT	33.6 FT	X	-	
Slope (%)	0.0452',	0.0432',	X	-	
Secondary Outlet Pipe	N/A				Outlet Pipe Material
Opening Diameter (inches)			-	-	
Upstream Invert			-	-	
Downstream Invert			-	-	
Length (feet)			-	-	
Slope (%)			-	-	
Riser	N/A				Riser Material
Opening Diameter (inches) (ST013439)	24"	24"	X	-	GOOD CONDITION
Elevation	784.25	784.18	X	-	
Upper Discharge Control	N/A				
Opening Diameter (inches)			-	-	
Elevation			-	-	

Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(ST013439)					
Opening Diameter (inches)	1”	1”	X	-		
Elevation	781.00	781.04	X	-		
Other (Description)	N/A					
Opening Type and Size (inches)			-	-		
Elevation			-	-		
Emergency Spillway						
Elevation	784.00	782.87*	X	-	*ELEVATION AT BOTTOM OF RIPRAP	
Length of spillway (feet)	11.0 FT	9.6 FT	X	-		
Embankment	Present Yes No		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation	X	-	REMOVE WOODY VEGETATION IN SPILLWAY			
Animal burrows or slope erosion or hole	-	X				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1 (ST013446)	RCP 15”		WEST SIDE OF POND		REMOVE SEDIMENT FROM PIPE	
Outfall 2	-		-		-	
Outfall 3	-		-		-	
Storage Properties	Design (NON-ASBUILT)	Actual (GPS)	Compliant Yes No	Not Applicable	Equipment Used	
Normal Water Elevation (Wet Ponds)	N/A	N/A	-	-	N/A	GPS EQUIPMENT: CARLSON RTK5 GNSS RECEIVER & CARLSON RT5 DATA COLLECTOR
Design High Water Elevation	785.00	782.87	X	-		
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.005 AC	0.000 AC	X	-		
Area at Design High Water Elevation (Ac)	0.036 AC	0.015 AC	X	-		
Active Storage Available (Ac-Ft)*	0.031 ACFT	0.085 ACFT	X	-		
Lowest Elevation at Top of Embankment (If Applicable)	784.00	784.06	X	-		
Average Elevation at Top of Embankment (If Applicable)	785.00	784.44	X	-		
Maximum Bottom Elevation	781.00	780.99	X	-		
Average Pond Bottom Elevation	781.00	781.00	X	-		
Pond Bottom Area (Ac)	0.002 AC	0.0002 AC	X	-		
Maximum Pond Depth	4.00 FT	3.45 FT	X	-		
Average Pond Depth	4.00 FT	3.44 FT	X	-		
Average Permanent Pool Depth (Wet Ponds)	N/A	N/A	-	-	N/A	

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

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

Village Hall Metcalfe Parking Lot Retention Pond – SWP11N006

Overview (Looking SE)



Overflow Structure ST013439



Outlet ST013446



Village Hall Metcalfe Parking Lot Retention Pond – SWP11N006

Overflow Outlet ST013448



Emergency Spillway



Village Hall Metcalfe Parking Lot Retention Pond – SWP11N006

Repairs Needed (12/09/2024) CMG

- 1) Remove woody vegetation from spillway.
- 2) Remove sediment from outlet pipe.



Village Hall Metcalfe Parking Lot Retention Pond – SWP11N006

Repairs Needed (12/09/2024) CMG

- 1) Remove woody vegetation from spillway.
- 2) Remove sediment from outlet pipe.



Sketch Outlet

Place Photograph of Pond

Place Photograph of Pond

Inspection Firm: VILLAGE OF
MENOMONEE FALLS
Phone Number: 262-532-4411
Address: W156N8480 PILGRIM RD
MENOMONEE FALLS, WI
53051

Inspector Name : CHRISTOPHER M GARIEPY
Inspection Date: 12/09/2024

Certifying
Professional Name: THOMAS M. HOFFMAN, P.E.
Phone Number: 262-532-4415

Date:

2/12/2025

Signature:





Affix Seal Here

