



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

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section	03 NE	Name of Business/Subdivision	OLD FALLS VILLAGE PARK
Property Tax ID Number	0009998	Address of Property	N96W15791 COUNTY LINE RD
			MENO. FALLS, WI 53051

Dry Pond	
Wet Pond	X
Other	

Description: SWP03N008
DOT-01.39 & DOT-01.39P

Location Of
Pond WEST PORTION OF OLD
FALLS VILLAGE PARK
PROPERTY (PILGRIM RD &
COUNTY LINE RD)

Year Pond Constructed 2009 Year of Last Certification 2019

Compliance Verification	Design (Non-AsBuilt)	Actual (GPS)	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe (ST011527)					Outlet Pipe Material
Opening Diameter (inches)	24" RCP	24" RCP	X	-	24" RCP IN GOOD CONDITION
Upstream Invert	875.90	875.91	X	-	
Downstream Invert	875.10	875.38	X	-	
Length (feet)	60.0 FT	60.3 FT	X	-	
Slope (%)	0.0010 %	0.0088 %	X	-	
Secondary Outlet Pipe	N/A				Outlet Pipe Material
Opening Diameter (inches)			-	-	
Upstream Invert			-	-	
Downstream Invert			-	-	
Length (feet)			-	-	
Slope (%)			-	-	
Riser (ST011526)					Riser Material
Opening Diameter (inches)	48"	48"	X	-	* ELEV AT RIM OF OVERFLOW STRUCTURE
Elevation	878.00	878.20*	X	-	
Upper Discharge Control (ST011529)					
Opening Diameter (inches)	12" RCP	12" RCP*	X	-	* INVERT ELEVATION OF 12" LOWER OPENING IN LARGE OVERFLOW STRUCTURE
Elevation	876.00	876.23	X	-	LARGE OVERFLOW LEADS TO 24" RCP

Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	N/A					
Opening Diameter (inches)			-	-		
Elevation			-	-		
Other (Description)	N/A					
Opening Type and Size (inches)			-	-		
Elevation			-	-		
Emergency Spillway						
Elevation	879.00	880.50*	-	X	* ELEVATION AT TOP OF RECENTLY PLACED ¾” CLEAR STONE. REMOVE CLEAR STONE FROM RIPRAP.	
Length of spillway (feet)	60.0 FT	47.0 FT	X	-		
Embankment	Present Yes No		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation	-	X	ANIMAL BURROWS EXIST AROUND POND			
Animal burrows or slope erosion or hole	X	-				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1 (ST012874)	RCP – 42”		NORTHEAST CORNER		GOOD CONDITION	
Outfall 2						
Outfall 3						
Storage Properties	Design (NON-ASBUILT)	Actual (GPS)	Compliant Yes No	Not Applicable	Equipment Used	
Normal Water Elevation (Wet Ponds)	876.00	876.06	X	-	GPS EQUIPMENT: CARLSON RTK5 GNSS RECEIVER CARLSON RT5 DATA COLLECTOR	
Design High Water Elevation	878.50	880.50		X		
Area at Normal Water Elevation (Ac) (Wet Ponds)	-	0.4895 AC	X	-		
Area at Design High Water Elevation (Ac)	-	0.8601 AC	X	-		
Active Storage Available (Ac-Ft)*	-	3.298 ACFT	X	-		
Lowest Elevation at Top of Embankment (If Applicable)	879.50	880.50	-	X		
Average Elevation at Top of Embankment (If Applicable)	881.00	880.80	X	-		
Maximum Bottom Elevation	870.90	-	-	-	X	NOT EVALUATED 2024
Average Pond Bottom Elevation	870.90	-	-	-	X	NOT EVALUATED 2024
Pond Bottom Area (Ac)	-	-	-	-	X	NOT EVALUATED 2024
Maximum Pond Depth	10.1 FT	-	-	-	X	NOT EVALUATED 2024
Average Pond Depth	8.6 FT	-	-	-	X	NOT EVALUATED 2024
Average Permanent Pool Depth (Wet Ponds)	4.0 FT	-	-	-	X	NOT EVALUATED 2024

*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

Old Fall Village Park Retention Pond – SWP03N008

Overview (Looking SE)



Outlet ST012874



Old Fall Village Park Retention Pond – SWP03N008

Inlet ST011529/Overflow ST007960



Outlet ST011528



Old Fall Village Park Retention Pond – SWP03N008

Emergency Spillway



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

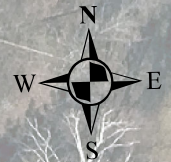
Signature:

[Handwritten Signature]

Affix Seal Here



SWP03N008
Old Falls Village Park - MNFV0009998
2024 Pond Inspection
Land Survey 120924 CMG
Pond Bottom Survey Not Performed



0 5 10 20 30 40
Feet
1 inch = 40 feet

