

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section 26 NE Name of Business/Subdivision MILL RIDGE SUBDIVISION
Property Tax ID Number 0101070 Address of Property _____

Dry Pond	
Wet Pond	X
Other	

Description: SWP26N001
P-82 U-403

Location Of Pond SOUTHWEST CORNER OF
MILL RD & LILLY RD

Year Pond Constructed 1992 Year of Last Certification 2019

Compliance Verification	Design (Non-AsBuilt)	Actual (GPS)	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	15" RCP	15" RCP	X	-	REPAIR 15" RCP END SECTION SEPARATE FROM STORM SEWER
Upstream Invert (ST011282)	-	769.91	X	-	
Downstream Invert (ST011283)	-	769.66	X	-	
Length (feet)	60.0 FT	66.0 FT	X	-	
Slope (%)	-	0.0038'/%	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)			-	-	
Elevation			-	-	
Upper Discharge Control	N/A				
Opening Diameter (inches)			-	-	
Elevation			-	-	

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	-	771.70	X	-	SPILLWAY NOT WELL DEFINED.	
Length of spillway (feet)	-	45.0 FT	X	-		
Embankment	Present Yes No		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation	-	N	REPAIR HOLES IN EMBANKMENT AT MULTIPLE LOCATIONS SURROUNDING POND.			
Animal burrows or slope erosion or hole	Y	-				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1 (ST004475)	36” RCP		WEST POND		IN 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)	770.00	770.26	X	-		GPS EQUIPMENT: CARLSON RTK5 GNSS RECEIVER & CARLSON RT5 DATA COLLECTOR
Design High Water Elevation	772.00	771.70	X	-		
Area at Normal Water Elevation (Ac) (Wet Ponds)	-	1.645 AC	X	-		
Area at Design High Water Elevation (Ac)	-	1.844 AC	X	-		
Active Storage Available (Ac-Ft)*	-	2.678 ACFT	X	-		
Lowest Elevation at Top of Embankment (If Applicable)	772.00	771.73	X	-		NOT EVALUATED 2024 NOT EVALUATED 2024
Average Elevation at Top of Embankment (If Applicable)	772.00	772.00	X	-		
Maximum Bottom Elevation	767.00	-	-	-		
Average Pond Bottom Elevation	758.00	-	-	-		
Pond Bottom Area (Ac)	-	-	-	-	N/A	
Maximum Pond Depth	14.0 FT	-	-	-		NOT EVALUATED 2024
Average Pond Depth	13.9 FT	-	-	-		NOT EVALUATED 2024
Average Permanent Pool Depth (Wet Ponds)	12.0 FT	-	-	-		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

Mill Ridge Retention Pond – SWP26N001

Overview



Outlet ST004475



Mill Ridge Retention Pond – SWP26N001

Inlet ST011282



Outlet ST011283



Mill Ridge Retention Pond – SWP26N001

Repairs Needed (12/09/2024) CMG

Outlet ST011282



- 1) End section of pipe pushed off storm sewer pipe.
- 2) Multiple holes around pond need to be filled in/trap burrowing animals

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:

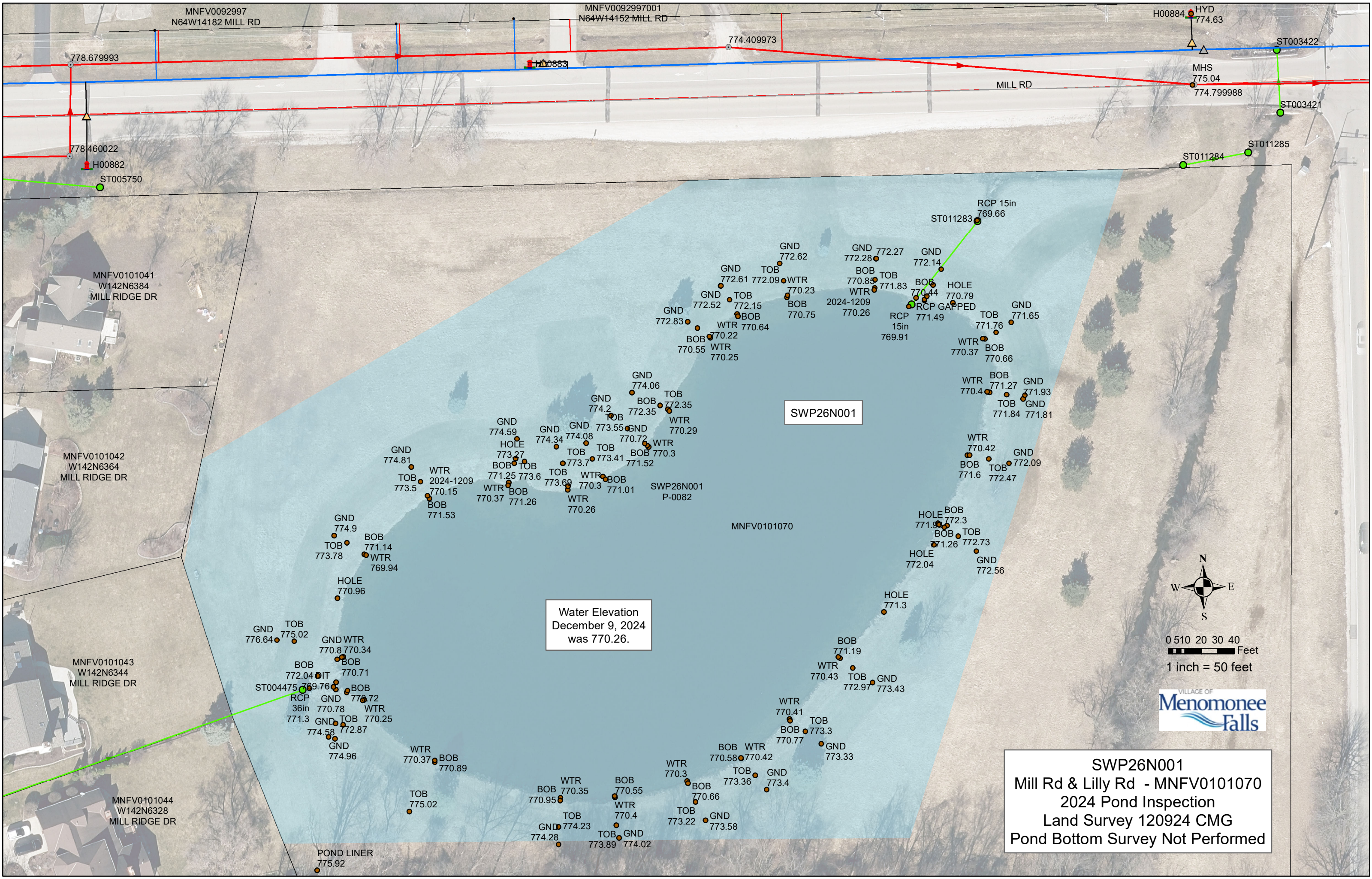
2/12/2025

Signature:





Affix Seal Here



MNFV0092997
N64W14182 MILL RD

MNFV0092997001
N64W14152 MILL RD

H00884
HYD
774.63

ST003422

MHS
775.04
774.799988

ST003421

ST011284

ST011285

MILL RD

778.679993

774.409973

778.460022

H00882
ST005750

MNFV0101041
W142N6384
MILL RIDGE DR

MNFV0101042
W142N6364
MILL RIDGE DR

MNFV0101043
W142N6344
MILL RIDGE DR

MNFV0101044
W142N6328
MILL RIDGE DR

SWP26N001

Water Elevation
December 9, 2024
was 770.26.

MNFV0101070

SWP26N001
P-0082



0 10 20 30 40
Feet
1 inch = 50 feet



SWP26N001
Mill Rd & Lilly Rd - MNFV0101070
2024 Pond Inspection
Land Survey 120924 CMG
Pond Bottom Survey Not Performed

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