



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 03 SW Name of Business/Subdivision MILL POND PARK NW LOT
Property Tax ID Number 0011146 Address of Property N90W16531 ROOSEVELT DR
MENOMONEE FALLS, WI 53051

Dry Pond	X
Wet Pond	
Other	

Description: SWP03S009 Location Of SW CORNER OF NW PARKING
P-0221 Pond LOT IN MILL POND PARK

Year Pond Constructed 2019 Year of Last Certification N/A

Compliance Verification	Design	Actual	Compliant Yes No	Comments (Condition of Structure)
Primary Outlet Pipe				Outlet Pipe Material
Opening Diameter (inches) (ST015376)	8" HDPE	8" HDPE	Y	
Upstream Invert	836.06	836.06	Y	
Downstream Invert	835.91	835.91	Y	
Length (feet)	29	27.5	Y	
Slope (%)	0.50%	0.50%	Y	
Secondary Outlet Pipe	(If Applicable)			Outlet Pipe Material
Opening Diameter (inches)				IN GOOD CONDITION.
Upstream Invert				
Downstream Invert				
Length (feet)				
Slope (%)				
Riser	(If Applicable)			Riser Material
Opening Diameter (inches) (ST017901 & ST017902)	(2) 8" HDPE	(2) 8" HDPE		CAPS FOR 8 IN PVC PIPES NOT ON PIPES. FOUND 1 OF 2 CAPS AND REPLACED ON 1 PIPE. BRING ANOTHER 8 IN CAP AND SECURE CAPS IF APPROPRIATE.
Elevation	837.70	837.65		
Upper Discharge Control	(If Applicable)			
Opening Diameter (inches)				
Elevation				

Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)						
Elevation						
Other (Description)						
Opening Type and Size (inches)						
Elevation						
Emergency Spillway						
Elevation	837.5	837.8	Y		UNDER TREE CANOPY, POOR GPS SIGNAL	
Length of spillway (feet)	5.0 FT	7.0 FT	Y			
Embankment	Present Yes No		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation		X	CAPS FOR 8 IN PVC PIPES NOT ON PIPES. FOUND 1 OF 2 CAPS AND REPLACED ON 1 PIPE. BRING ANOTHER 8 IN CAP AND SECURE CAPS IF APPROPRIATE.			
Animal burrows or slope erosion		X				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1						
Outfall 2						
Outfall 3						
Storage Properties	Design	Actual	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	N/A	N/A			X	GPS EQUIPMENT: GEOMAX ZENITH35 & CARLSON SURVEYOR2 WITH SURV CE v5.04 ELEVATIONS TO VARY SLIGHTLY FROM YEAR TO YEAR DUE TO GPS TECHNOLOGY
Design High Water Elevation	838.00	838.00	Y			
Area at Normal Water Elevation (Ac) (Wet Ponds)	N/A	N/A	-		X	
Area at Design High Water Elevation (Ac)	- AC	0.150 AC	-			
Active Storage Available (Ac-Ft)*	- ACFT	0.068 ACFT	-			
Lowest Elevation at Top of Embankment (If Applicable)	837.50	837.65	Y			
Average Elevation at Top of Embankment (If Applicable)	808.00	838.10	Y			
Maximum Bottom Elevation	837.00	836.50	Y			
Average Pond Bottom Elevation	837.00	836.60	Y			
Pond Bottom Area (Ac)	- AC	0.013 AC	-			
Maximum Pond Depth	- FT	1.37 FT	-			
Average Pond Depth	- FT	1.00 FT	-			
Average Permanent Pool Depth (Wet Ponds)	N/A	N/A			X	

*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 Pond Park (Roosevelt Dr) Rain Garden & Bio-Swale – SWP03S009

SWP03S009 Overview



Outlet ST017901



Outlet ST017902



Mill Pond Park (Roosevelt Dr) Rain Garden & Bio-Swale – SWP03S009

Repairs Needed (11/08/21)

All green drain caps are loose... 1 was loose, 1 was missing. Replace missing drain cap and secure all caps (if appropriate).

Sketch Outlet

Place Photograph of Pond

Place Photograph of Pond

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

Inspector Name: CHRISTOPHER M. GARIEPY

Inspection Date: OCTOBER 19, 2021

Certifying

Professional Name: THOMAS M. HOFFMAN, P.E.

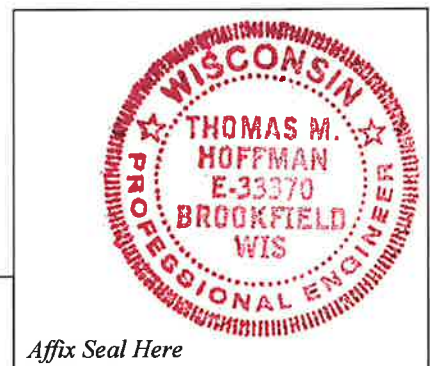
Phone Number: (262) 532-4415

Date:

4/14/2022

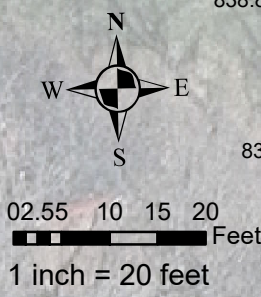
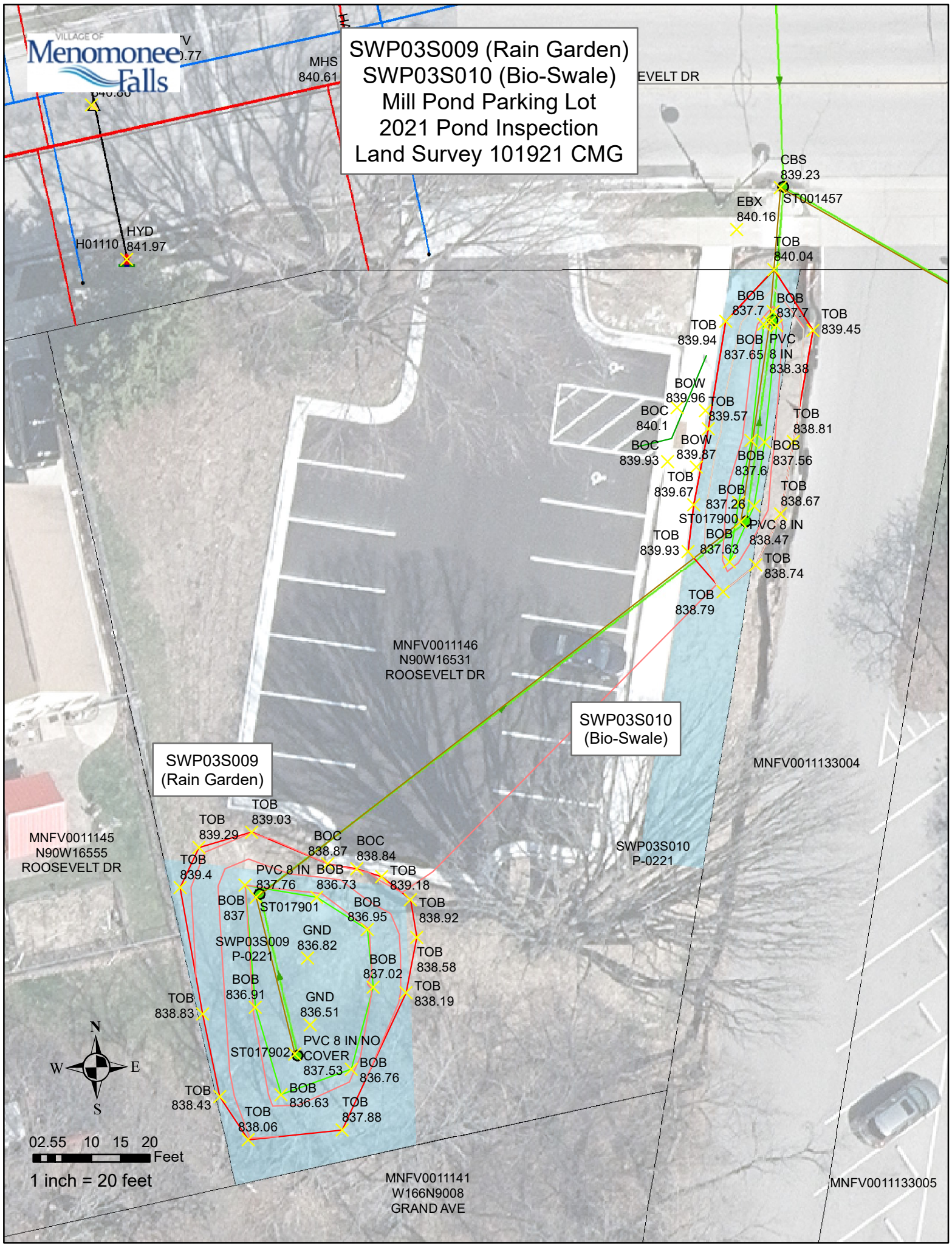
Signature:

[Handwritten Signature]



Affix Seal Here

SWP03S009 (Rain Garden)
SWP03S010 (Bio-Swale)
Mill Pond Parking Lot
2021 Pond Inspection
Land Survey 101921 CMG



	Feet		Acres		Acres
V=	$((H3-H4)/3)$	x	$(A3+A4)$	+	$V(A3+A4)$
V=	279.3667	x	0.0356	+	0.1886
V=	279.3667	x	0.2241		
V=	62.6179	Acft			