



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

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section 33 SE Name of Business/Subdivision RIDGEFIELD SUBDIVISION
Property Tax ID Number 0135248 Address of Property WETLAND/POND

Dry Pond	
Wet Pond	X
Other	

Description: SWP33S005
Q-149 U-320 U-323 U-327

Location Of Pond NORTH OF THORNAPPLE CT,
SOUTH OF SHEFFIELD LN,
WEST OF GREENVIEW AVE,
EAST OF CHRISTOPHER CT

Year Pond Constructed 1989 Year of Last Certification 2015

Compliance Verification	Design (Non-AsBuilt)	Actual (GPS)	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	24" RCP	24" RCP	-	-	24" RCP IN GOOD CONDITION ELEVATIONS TO VARY SLIGHTLY FROM YEAR TO YEAR DUE TO GPS TECHNOLOGY
Upstream Invert (ST011217)	885.00	884.85	-	-	
Downstream Invert (ST011216)	884.75	884.66	-	-	
Length (feet)	40.0 FT	49.3 FT	-	-	
Slope (%)	0.63%	0.39%	-	-	
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	N/A	888.63	-	-		
Length of spillway (feet)	N/A	145.0 FT	-	-		
Embankment	Present Yes No		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation	Y	-	WOODY VEG. ALONG SHORE & IN WETLANDS			
Animal burrows or slope erosion or hole	Y	-	3 BEAVER/MUSKRAT LODGES PRESENT			
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1 (ST007757)	RCP – 21” – 885.86		SHEFFIELD LN (N POND)		UNDER WATER	
Outfall 2 (ST003197)	RCP – 30” – 884.81		GREENVIEW CT (E MARSH)		N/A	
Outfall 3 (ST011281)	RCP – 12” – 886.16		W173N4877 CRABAPPLE CT		BELOW GRADE	
Outfall 4 (ST011280)	RCP – 12” – 885.76		(S POND) SAN. LIFT STA.		BELOW GRADE	
Outfall 5						
Storage Properties	Design (NON-ASBUILT)	Actual (GPS)	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	N/A	886.07	-	-		GPS EQUIPMENT: GEOMAX ZENITH35 & CARLSON SURVEYOR2 WITH SURV CE v5.04
Design High Water Elevation	N/A	888.63	-	-		
Area at Normal Water Elevation (Ac) (Wet Ponds)	N/A	2.625 AC	-	-		
Area at Design High Water Elevation (Ac)	N/A	6.658 AC	-	-		WETLANDS NOT BEING EVALUATED FOR AVAILABLE STORAGE.
Active Storage Available (Ac-Ft)*	N/A	10.517 ACFT	-	-		
Lowest Elevation at Top of Embankment (If Applicable)	N/A	N/A	-	-		
Average Elevation at Top of Embankment (If Applicable)	889.00	N/A	-	-		DEPTH NOT EVALUATED
Maximum Bottom Elevation	N/A	N/A	-	-		
Average Pond Bottom Elevation	N/A	N/A	-	-		
Pond Bottom Area (Ac)	N/A	N/A	-	-		DEPTH NOT EVALUATED
Maximum Pond Depth	N/A	N/A	-	-		DEPTH NOT EVALUATED
Average Pond Depth	N/A	N/A	-	-		DEPTH NOT EVALUATED
Average Permanent Pool Depth (Wet Ponds)	N/A	N/A	-	-		DEPTH NOT EVALUATED

*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

Ridgefield Subdivision Wetland – SWP33S005 (Thornapple & Sheffield)

Overview



Outlet ST007757



Outlet ST003197



Outlet ST011280 (OLD PIC)



Outlet ST011281 (OLD PIC)



Ridgefield Subdivision Wetland – SWP33S005 (Thornapple & Sheffield)

Inlet ST011217



Outlet ST011216



Emergency Spillway



Ridgefield Subdivision Wetland – SWP33S005
(Thornapple & Sheffield)

Repairs Needed (12/18/20)

NONE

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: 12/18/2020

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



Date:

1/28/2021

Signature:

[Handwritten Signature]

Affix Seal Here