

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section 12 SW Name of Business/Subdivision RIVER'S EDGE PARK POND
Property Tax ID Number 0047975001 Address of Property _____

Dry Pond	
Wet Pond	X
Other	

Description: SWP12S010
C-97A, C-97M, U-218,
U-919 – U-922

Location Of Pond SOUTH OF PARKVIEW DR

Year Pond Constructed 1968 Year of Last Certification 2017

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	Y	-	SEE PICTURES FOR CONTROL STRUCTURE ELEVATIONS TO VARY SLIGHTLY FROM YEAR TO YEAR DUE TO GPS TECHNOLOGY
Upstream Invert (ST14268)	748.50	748.66	Y	-	
Downstream Invert (ST14269)	747.07	747.16	Y	-	
Length (feet)	33.5 FT	33.2 FT	Y	-	
Slope (%)	0.0382',	0.0452',	Y	-	
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	-	-		
Length of spillway (feet)		N/A	-	-		
Embankment	Present Yes No		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation	Y	-	WOODY VEGETATION ALONG SHORELINE			
Animal burrows or slope erosion or hole	-	N				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1 (ST014266)	24" RCP		N BANK OF POND		GOOD CONDITION	
Outfall 2 (ST014267)	48" RCP		E CENTRAL BANK OF POND		GOOD CONDITION	
Outfall 3						
Storage Properties	Design (NON-ASBUILT)	Actual (GPS)	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	750.90	750.77	Y	-		GPS EQUIPMENT: GEOMAX ZENITH35 & CARLSON SURVEYOR2 WITH SURV CE 5.04
Design High Water Elevation	-	752.69	Y	-		
Area at Normal Water Elevation (Ac) (Wet Ponds)	-	9.918 AC	Y	-		
Area at Design High Water Elevation (Ac)	-	10.235 AC	Y	-		
Active Storage Available (Ac-Ft)*	-	15.771 ACFT	Y	-		
Lowest Elevation at Top of Embankment (If Applicable)	-	752.69	Y	-		
Average Elevation at Top of Embankment (If Applicable)	-	753.00	Y	-		
Maximum Bottom Elevation	-	N/A	-	-		DEPTH NOT EVALUATED
Average Pond Bottom Elevation	-	N/A	-	-		DEPTH NOT EVALUATED
Pond Bottom Area (Ac)	-	N/A	-	-		
Maximum Pond Depth	-	N/A	-	-		DEPTH NOT EVALUATED
Average Pond Depth	-	N/A	-	-		DEPTH NOT EVALUATED
Average Permanent Pool Depth (Wet Ponds)	-	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

River's Edge Park Pond – SWP12S010

Overview



Outlet ST014266



River's Edge Park Pond – SWP12S010

Outlet ST014267



Overflow Manhole ST014271



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Overflow Outlet ST014269



Spillway ST018920



River's Edge Park Pond – SWP12S010

No Repairs Needed 12/8/2020

Sketch Outlet

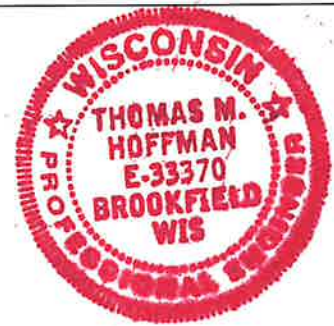
Place Photograph of Pond

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: 12/08/2020

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



Date:

1/28/2021

Signature:

[Handwritten Signature]

Affix Seal Here