



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 _____
Property Tax ID Number _____
Date 7/10/2020 _____

NE1/4 Sec31

0121-067

Name of Business/Subdivision

Address of Property

Carter's Crossing

South of Silver Spring between

Lannon Rd and Townline Rd

Dry Pond	
Wet Pond	X
Other	

Location of
Pond

Outlot #5

Pond ID: SWP - 31N004
Basin #1

Year Pond
Constructed

2004

Year of Last
Certification

2015

Compliance Verification		Design	Actual	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe						Outlet Pipe Material
Opening Diameter (inches)	12" w/ 10" opening	12"	X			
Upstream Invert	840.00	839.79	X			
Downstream Invert	837.00	838.09	X			
Length (feet)	80'	62'	X			
Slope (%)	3.75	2.74	X			
Secondary Outlet Pipe		(If Applicable)			Outlet Pipe Material	
Opening Diameter (inches)						
Upstream Invert						
Downstream Invert						
Length (feet)						
Slope (%)						
Riser		(If Applicable)			Riser Material	
Opening Diameter (inches)	36"	36"	X			
Elevation	842.00	842.00	X			
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)	2"	3"	X		
Elevation	840.00	839.49	X		
Other (Description)					
Opening Type and Size (inches)					
Elevation					
Emergency Spillway					
Elevation	844.60	844.06	X		
Length of spillway (feet)	20'	20'	X		
Embankment	Present Yes no		Comments/Maintenance Requirements		
Unauthorized Plantings, trees, or woody vegetation	X		Remove woody vegetation around outlet control structure Remove debris from orifice in outlet control structure		
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)	840.00	839.00	X		
Design High Water Elevation	844.60	843.68	X		
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.151	0.069	X		
Area at Design High Water Elevation (Ac)	0.361	0.343	X		
Active Storage Available (Ac-Ft)*	0.827	0.661	X		
Lowest Elevation at Top of Embankment (If Applicable)	844.60	843.68	X		
Average Elevation at Top of Embankment (If Applicable)	845.60	845.55	X		
Maximum Bottom Elevation	834.00	833.92	X		
Average Pond Bottom Elevation	834.00	834.31	X		
Pond Bottom Area (Ac)					
Maximum Pond Depth	6'	5.08'	X		
Average Pond Depth	6'	4.69'	X		
Average Permanent Pool Depth (Wet Ponds)	6'	4.69'	X		

*To Determine Active Storage $V=H/3(A1+A2+(A1xA2)/2)$

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

Sketch Outlet or Attach to Document

Place Photo

Place Photograph of Pond or Attach to Document

Attach As-built Survey to the Document for the first report submission

Inspection Firm: Harwood Engineering
Phone Number: 414-475-5554
Address: 255 N 21st Street
Milwaukee, WI 53233

Inspector Name : Nathan Schmit
Inspection Date: 07/10/2020

Certifying Professional
Name: Nathan Schmit
Phone Number: 414-918-1214



Date: 07/20/2020

Signature: 



Basin #1 Emergency Overflow



Outlet Control Structure



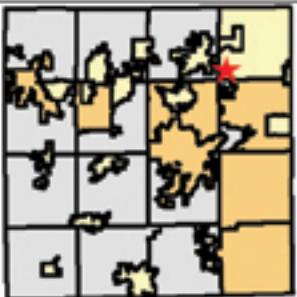
Basin #1 Pond Overview

SILVER SPRING DRIVE





Carters Crossing Stormwater Ponds



Legend

Photos of Interest

- Airport
- Cemetery
- Fire Station
- Hospital
- Library
- Post Office
- ▲ Park or Reservation
- School
- Unincorporated Place
- County Park
- Police Station
- Sheriff Station

Cadastral Boundaries

- Civil Division Boundaries
- Surveying Control
- Public Land Survey Lines
- Allotment Survey Lines

Land Interest Parcels

Road Rights of Way

- Dedicated
- Proposed
- Unpaved
- Vacated
- Reserve Plat
- Curb/Plat
- Curb
- Reserve Plat
- Road Rights of Way
- Allotment
- Active
- Retired

Other Information

- Lakes and Rivers
- Streams and Creeks

Basin

- Red Basin, I
- Green Basin, II
- Blue Basin, III



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