



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

0121-064

Name of Business/Subdivision

Address of Property

Carter's Crossing

South of Silver Spring between

Lannon Rd and Townline Rd

Dry Pond	X
Wet Pond	
Other	

Location of  
Pond

Outlot #2

Pond ID: SWP - 31N001  
Basin #2

Year Pond  
Constructed

2004

Year of Last  
Certification

2015

Compliance Verification		Design	Actual	Compliant Yes	No	Comments ( Condition of Structure)
<b>Primary Outlet Pipe</b>						Outlet Pipe Material
Opening Diameter (inches)		8"	8"	X		
Upstream Invert		839.00	839.13	X		
Downstream Invert		837.85	838.40	X		
Length (feet)		229	220'	X		
Slope (%)		0.50	0.33	X		
<b>Secondary Outlet Pipe</b>		(If Applicable)			Outlet Pipe Material	
Opening Diameter (inches)						
Upstream Invert						
Downstream Invert						
Length (feet)						
Slope (%)						
<b>Riser</b>		(If Applicable)			Riser Material	
Opening Diameter (inches)						
Elevation						
<b>Upper Discharge Control</b>		(If Applicable)				
Opening Diameter (inches)						
Elevation						

Compliance Verification	Design	Actual	Compliant Yes	No	Comments	
<b>Lower Discharge Control</b>	(If Applicable)					
Opening Diameter (inches)						
Elevation						
<b>Other (Description)</b>						
Opening Type and Size (inches)						
Elevation						
<b>Emergency Spillway</b>						
Elevation						
Length of spillway (feet)						
<b>Embankment</b>	Present Yes      no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation		X				
Animal burrows or slope erosion		X				
<b>Storm Sewer Outfalls</b>	Type & Size		Location		Comments	
Outfall 1						
Outfall 2						
Outfall 3						
<b>Storage Properties</b>	Design	Actual	Compliant Yes	No	Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	-	-				
Design High Water Elevation	842.89	843.09	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)	-	-				
Area at Design High Water Elevation (Ac)	0.683	0.700	X			
Active Storage Available (Ac-Ft)*	1.006	0.705	X			
Lowest Elevation at Top of Embankment (If Applicable)	-	843.09	X			
Average Elevation at Top of Embankment (If Applicable)	844.00	844.00	X			
Maximum Bottom Elevation	840.00	839.66	X			
Average Pond Bottom Elevation	840.00	840.29	X			
Pond Bottom Area (Ac)	0.241	.041	X			
Maximum Pond Depth	3.89	3.43'	X			
Average Pond Depth	3.89	2.80'	X			
Average Permanent Pool Depth (Wet Ponds)	-	-				

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

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

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

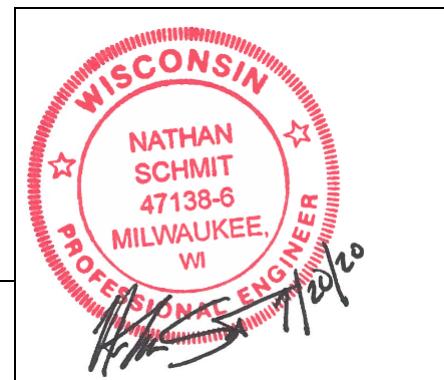
Inspection Firm: Harwood Engineering  
Phone Number: 414-475-5554  
Address: 255 N 21<sup>st</sup> Street  
Milwaukee WI, 53233

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 #2 Emergency Overflow



Outlet Pipe

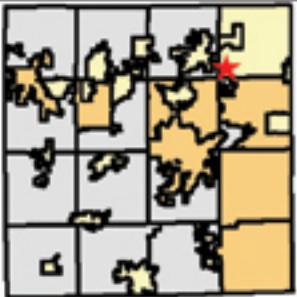


Basin #2 Pond Overview





## 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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