



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 NW 1/4 - 9 Name of Business/Subdivision Verona Subdivision  
 Property Tax ID Number MNFV Address of Property \_\_\_\_\_  
0032-274 Main Street & Lawrence Avenue  
 Date June 7, 2018 \_\_\_\_\_

Dry Pond	
Wet Pond	X
Other	

Location of Pond OUTLOT 2  
SW of Lots 6 & 7  
 Pond ID: SWP09N002  
South Pond

Year Pond Constructed 2008 Year of Last Certification 2013

Compliance Verification	Design	Actual	Compliant		Comments ( Condition of Structure)
			Yes	No	
<b>Primary Outlet Pipe</b>					
Opening Diameter (inches)	12"	12"	X		Outlet Pipe Material RCP outlet pipe found in good condition and free of debris.
Upstream Invert	876.00	784.05	X		
Downstream Invert	874.84	783.79	X		
Length (feet)	37	47	X		
Slope (%)	3.13%	0.55	X		
<b>Secondary Outlet Pipe</b> (If Applicable)					
Opening Diameter (inches)					Outlet Pipe Material None
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
<b>Riser</b> (If Applicable)					
Opening Diameter (inches)	54" Rect	54" Rect	X		Riser Material Structure found in good condition. Vegetated debris should be removed from inside.
Rim Elevation	879.10	791.10	X		
<b>Upper Discharge Control</b> (If Applicable)					
Opening Diameter (inches)	4"				N/A
Elevation	876.00				

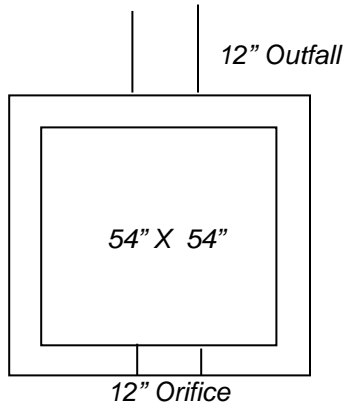
Compliance Verification	Design	Actual	Compliant Yes No		Comments	
<b>Lower Discharge Control</b>	(If Applicable)					
Opening Diameter (inches)						
Elevation						
<b>Other (Description)</b>						
Opening Type and Size (inches)					Pond liner is floating and should be closely monitored for failure. Adding a stone ballast materials should be considered.	
Elevation						
<b>Emergency Spillway</b>						
Elevation	879.10	879.0	X		Riprap protection across full width of the spillway in good condition.	
Length of spillway (feet)	12	12	X			
<b>Embankment</b>	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation		X	Vegetated and stable.			
Animal burrows or slope erosion		X				
<b>Storm Sewer Outfalls</b>	Type & Size		Location		Comments	
Outfall 1	None					
Outfall 2						
Outfall 3						
<b>Storage Properties</b>	Design	Actual	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	876.00	876.0	X			Robotic 1" Total Station (Trimble S6) Survey Completed: 06/07/18
Design High Water Elevation	878.50	878.5	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.072	0.093	X			
Area at Design High Water Elevation (Ac)	0.120	0.158	X			
Active Storage Available (Ac-Ft)*	0.164	0.215	X			
Lowest Elevation at Top of Embankment (If Applicable)	881.10	880.1	X			
Average Elevation at Top of Embankment (If Applicable)	881.10	880.9	X			
Maximum Bottom Elevation	871.00	872.1	X			
Average Pond Bottom Elevation	871.00	872.2	X			
Pond Bottom Area (Ac)	0.001	0.003	X			
Maximum Pond Depth	5.0'	3.8'		X		
Average Pond Depth						
Average Permanent Pool Depth (Wet Ponds)	2.5'	1.5'		X		

\*To Determine Active Storage  $V=H/3(A1+A2+(A1 \times A2)^{1/2})$

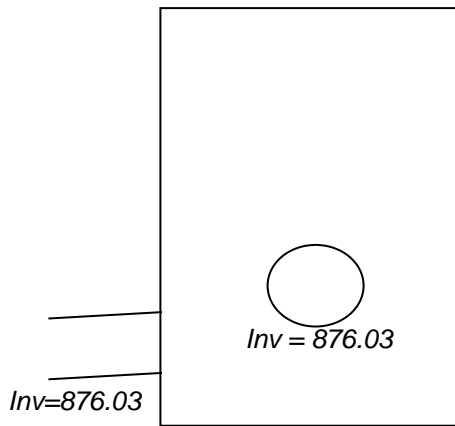
Wet Ponds Use  $H = \text{Height of Section}$ ,  $A1 = \text{area at normal water elevation}$ ,  $A2 = \text{area at top section}$

Dry Ponds Use  $H = \text{Height of Section}$ ,  $A1 = \text{pond bottom area}$ ,  $A2 = \text{area at top section}$

Sketch Outlet or Attach to Document



Rim = 879.12



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

Inspection Firm: One Source Consulting  
 Phone Number: (262) 781-9005  
 Address: 19435 W. Capitol Drive  
Suite L05  
Brookfield, WI 53045

Inspector Name : Craig Donze, PE  
 Inspection Date: 06/21/2018

Certifying Professional  
 Name: Craig Donze, PE  
 Phone Number: (262) 781-9005  
cdonze@onesourceconsult.com

Affix Seal Here



Date:  
 July 31, 2018

Signature:

