



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

NW 1/4 - 9
MNFV
0032-273

Name of Business/Subdivision
Address of Property

Verona Subdivision
Main Street & Lawrence Avenue

Date June 7, 2018

Dry Pond	
Wet Pond	X
Other	

Pond ID: SWP09N001
North Pond

Location of
Pond

OUTLOT 2

N of Lots 1 & 2

Year Pond
Constructed

2008

Year of Last
Certification

2013

Compliance Verification	Design	Actual	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	12"	12"	X		RCP outlet pipe found in good condition. Vegetation should be removed at outlet endwall.
Upstream Invert	866.50	866.43	X		
Downstream Invert	865.67	866.38	X		
Length (feet)	40	40	X		
Slope (%)	2.08%	0.1%	X		
Secondary Outlet Pipe	(If Applicable)				Outlet Pipe Material
Opening Diameter (inches)					
Upstream Invert					None
Downstream Invert					
Length (feet)					
Slope (%)					
Riser	(If Applicable)				Riser Material
Opening Diameter (inches)	54" Rect	54" Rect	X		Structure found in good condition and free of debris.
Rim Elevation	869.10	868.86	X		
Upper Discharge Control	(If Applicable)				
Opening Diameter (inches)	3"	12"			
Elevation	867.00	866.22			

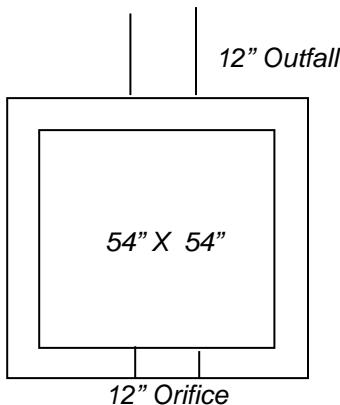
Compliance Verification	Design	Actual	Compliant Yes No	Comments			
Lower Discharge Control	(If Applicable)						
Opening Diameter (inches)	6"			None Found			
Elevation	866.50						
Other (Description)							
Opening Type and Size (inches)				Pond liner should be closely monitored for tears and UV deterioration to the areas exposed to the elements.			
Elevation							
Emergency Spillway							
Elevation	869.10	869.42	X	Riprap protection across full width of the spillway in good condition.			
Length of spillway (feet)	12	12	X				
Embankment	Present Yes no		Comments/Maintenance Requirements				
Unauthorized Plantings, trees, or woody vegetation		X	Vegetated and stable.				
Animal burrows or slope erosion		X					
Storm Sewer Outfalls	Type & Size		Location		Comments		
Outfall 1	24" RCP		SW Corner		Scour at end of riprap.		
Outfall 2							
Outfall 3							
Storage Properties	Design	Actual	Compliant Yes No	Not Applicable	Equipment Used		
Normal Water Elevation (Wet Ponds)	866.50	866.22	X		Robotic 1" Total Station (Trimble S6) Survey Completed: 06/07/18		
Design High Water Elevation	869.11	869.11	X				
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.210	0.252	X				
Area at Design High Water Elevation (Ac)	0.290	0.342	X				
Active Storage Available (Ac-Ft)*	0.460	0.614	X				
Lowest Elevation at Top of Embankment (If Applicable)	871.1	870.1	X				
Average Elevation at Top of Embankment (If Applicable)	871.1	870.3	X				
Maximum Bottom Elevation	861.5	861.8	X				
Average Pond Bottom Elevation	861.5	862	X				
Pond Bottom Area (Ac)	0.082	0.019	X				
Maximum Pond Depth	7.6'	7.3'	X				
Average Pond Depth							
Average Permanent Pool Depth (Wet Ponds)	5.0'	4.4'	X				

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

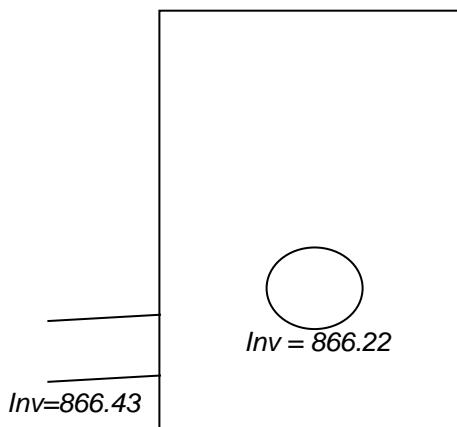
Wet Ponds Use $H = \text{Height of Section}$, $A1 = \text{area at normal water elevation}$, $A2 = \text{area at top section}$

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 = 868.86



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

Date:	Signature:
July 31, 2018	

