



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	SE1/4-SEC2 & NW1/4- SEC 11 MNFV00089 91001	Name of Business/Subdivision Address of Property	Ascension N88W14275 Main Street Menomonee Falls, WI 53051
Date	06-15-2021		

Dry Pond		Location of Pond	Southeast corner of property
Wet Pond	X		
Other			

Pond ID: SWP11N007

Year Pond Constructed	2021	Year of Last Certification	Not Applicable
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Compliance Verification	Design	Actual	Compliant Yes	Comments (Condition of Structure)
<b>Primary Outlet Pipe</b>				Outlet Pipe Material
Opening Diameter (inches)	15"	15"	X	HDPE Pipe in great condition.
Upstream Invert	751.00	750.80	X	Pond Outlet Structure verified by JSD w/ Trimble S6
Downstream Invert	750.00	750.05	X	
Length (feet)	60	60.1	X	
Slope (%)	1.67%	1.25%	X	
<b>Secondary Outlet Pipe</b>	(If Applicable)			Outlet Pipe Material
Opening Diameter (inches)	NA	NA		Not Applicable
Upstream Invert	NA	NA		
Downstream Invert	NA	NA		
Length (feet)	NA	NA		
Slope (%)	NA	NA		
<b>Riser</b>	(If Applicable)			Riser Material
Opening Diameter (inches)	24"	24"	X	Concrete Standpipe w/ concrete base in great condition.
Elevation	754.00	753.68	X	
<b>Upper Discharge Control</b>	(If Applicable)			
Opening Diameter (inches)	NA	NA		Not Applicable
Elevation	NA	NA		Pond Outlet Structure verified by JSD w/ Trimble S6

Compliance Verification	Design	Actual	Compliant Yes No		Comments
<b>Lower Discharge Control</b>	(If Applicable)				
Opening Diameter (inches)	3"	3"	X		PVC Cap w/ 3" orifice in great condition.  Pond Outlet Structure verified by JSD w/ Trimble S6
Elevation	751.00	750.80	X		
<b>Other (Description)</b>					
Opening Type and Size (inches)	NA	NA			
Elevation	NA	NA			
<b>Emergency Spillway</b>					
Elevation	757.00	756.91	X		No comments
Length of spillway (feet)	13'	12'	X		No comments
<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	HDPE 24"		SW Corner of pond		No comments
Outfall 2	HDPE 18"		NW Corner of Pond		No comments
Outfall 3					
Storage Properties	Design	Actual	Compliant Yes No	Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	751.00	750.65	X		Pond Topographic Survey Provided By Others. Per HydroCAD
Design High Water Elevation	756.93	756.96	X		
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.0662	0.0534	X		Per HydroCAD for both Design and Actual
Area at Design High Water Elevation (Ac)	0.1870	0.1866	X		
Active Storage Available (Ac-Ft)*	0.9420	0.8795	X		Per HydroCAD for both Design and Actual
Lowest Elevation at Top of Embankment (If Applicable)	758.00	757.72	X		
Average Elevation at Top of Embankment (If Applicable)	758.00	757.92	X		
Maximum Bottom Elevation	746.00	746.28	X		
Average Pond Bottom Elevation	746.00	746.43	X		
Pond Bottom Area (Ac)	0.0007	0.0010	X		
Maximum Pond Depth	12'	11.44'	X		
Average Pond Depth	12'	11.49'	X		
Average Permanent Pool Depth (Wet Ponds)	5'	4.22'	X		

\*To Determine Active Storage  $V=(H/3)(A1+A2+(\sqrt{A1+A2}))$

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

See Attached

See Attached

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

Inspection Firm: JSD Professional Service, Inc  
Phone Number: (262) 513-0666  
Address: W238N1610 Busse Rd, Ste 100  
Waukesha, WI 53188

Inspector Name: Andrew P. Mertz, P.E.  
Inspection Date: 6/9/2021

Certifying Professional

Name: Andrew P. Mertz  
Phone Number: (262) 513-0666

Date:

6/15/2021

Signature:







Figure 1: Southeast corner of Pond, Looking Northwest

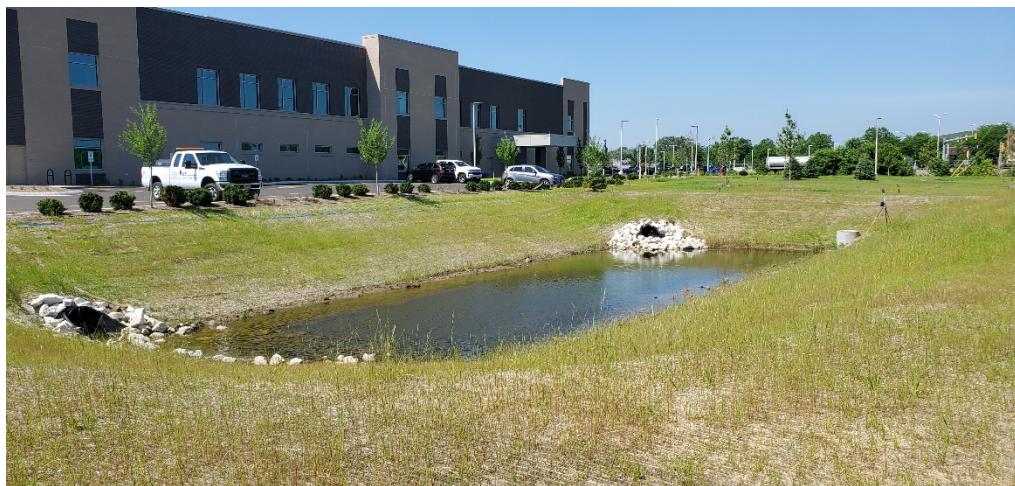


Figure 2: Southwest corner of Pond, Looking Northeast

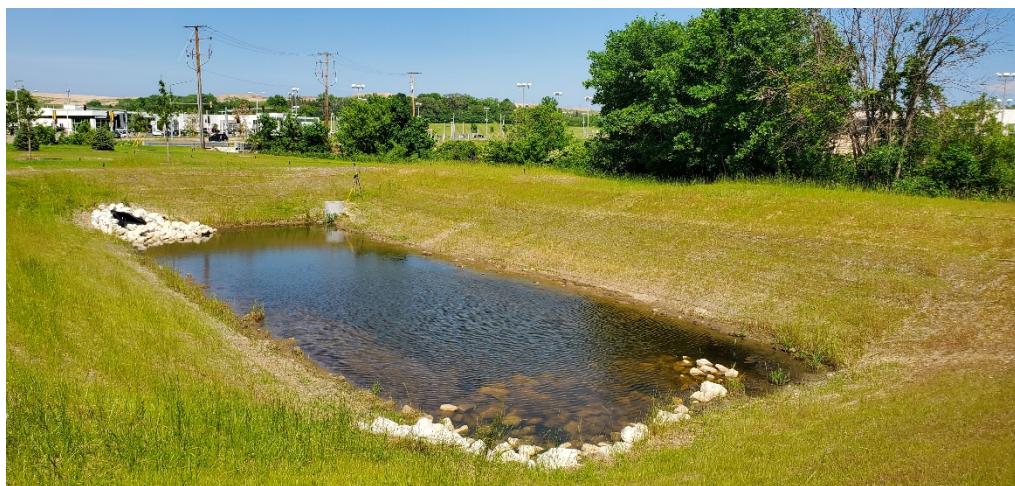


Figure 3: Northwest corner of Pond, Looking Southeast



Figure 4: Northeast corner of Pond, Looking Southwest



Figure 5: Pond Outlet Structure, Looking South



Figure 6: 15" HDPE Pond Outfall, Looking North