



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

Dry Pond	
Wet Pond	X
Other	

Location of Pond Southeast corner of property
Pond ID: SWP11N007

Year Pond Constructed 2021 Year of Last Certification Not Applicable

Compliance Verification	Design	Actual	Compliant Yes No	Comments (Condition of Structure)
Primary Outlet Pipe				Outlet Pipe Material
Opening Diameter (inches)	15"	15"	X	HDPE Pipe in great condition. Pond Outlet Structure verified by JSD w/ Trimble S6
Upstream Invert	751.00	750.80	X	
Downstream Invert	750.00	750.05	X	
Length (feet)	60	60.1	X	
Slope (%)	1.67%	1.25%	X	
Secondary Outlet Pipe	(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		
Riser	(If Applicable)			Riser Material
Opening Diameter (inches)	24"	24"	X	Concrete Standpipe w/ concrete base in great condition.
Elevation	754.00	753.68	X	
Upper Discharge Control	(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	
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)	3"	3"	X		PVC Cap w/ 3" orifice in great condition.	
Elevation	751.00	750.80	X		Pond Outlet Structure verified by JSD w/ Trimble S6	
Other (Description)						
Opening Type and Size (inches)	NA	NA				
Elevation	NA	NA				
Emergency Spillway						
Elevation	757.00	756.91	X		No comments	
Length of spillway (feet)	13'	12'	X		No comments	
Embankment	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation		X				
Animal burrows or slope erosion		X				
Storm Sewer Outfalls	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 Per HydroCAD for both Design and Actual Per HydroCAD for both Design and Actual
Design High Water Elevation	756.93	756.96	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.0662	0.0534	X			
Area at Design High Water Elevation (Ac)	0.1870	0.1866	X			
Active Storage Available (Ac-Ft)*	0.9420	0.8795	X			
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 $V = (H/3)(A1 + A2 + (\sqrt{A1 \cdot A2}))$

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

<p><i>Sketch Outlet or Attach to Document</i></p> <p><i>See Attached</i></p>	<p><i>See Attached</i></p> <p><i>See Attached</i></p>
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Attach As-built Survey to the Document for the first report submission

Inspection Firm:	<u>JSD Professional Service, Inc</u>	Inspector Name:	<u>Andrew P. Mertz, P.E.</u>
Phone Number:	<u>(262) 513-0666</u>	Inspection Date:	<u>6/9/2021</u>
Address:	<u>W238N1610 Busse Rd, Ste 100</u>		
	<u>Waukesha, WI 53188</u>		

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



<p>Date:</p> <p>6/15/2021</p>	<p>Signature:</p> <p><i>Andrew P. Mertz</i></p>
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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