



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	SE-2-8-20	Name of Business/Subdivision	RJ Schinner Co.
Property Tax ID Number	MNFV0008994	Address of Property	N89W14700 Patria Dr.
Date			Menomonee Falls, WI 53051

Dry Pond	x
Wet Pond	
Other	

Location of Pond: South of Building and West of East parking lot

Pond ID: SWP02S013

Year Pond Constructed	2022	Year of Last Certification	N.A.
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Compliance Verification	Design	Actual	Compliant Yes No	Comments (Condition of Structure)
Primary Outlet Pipe				Outlet Pipe Material
Opening Diameter (inches)	6	6	x	Outlet pipe is daylighted at bottom of pond and flows to storm manhole in the westerly berm of Pond. Receiving manhole is new and in good shape. Manhole was built with catch basin grate casting. Plan calls for a solid lid. However, the grate elev. is above both the surrounding ground elev. and design high water elev. and will not receive surface inflow or affect proper function of pond.
Upstream Invert	763.90	764.12	x	
Downstream Invert	763.67	763.69	x	
Length (feet)	22.0	23.6	x	
Slope (%)	1.0	1.8	x	
Secondary Outlet Pipe	(If Applicable)			Outlet Pipe Material
Opening Diameter (inches)				
Upstream Invert	N.A.			
Downstream Invert				
Length (feet)				
Slope (%)				
Riser	(If Applicable)			Riser Material
Opening Diameter (inches)	N.A.			
Elevation				
Upper Discharge Control	(If Applicable)			
Opening Diameter (inches)	N.A.			
Elevation				

Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)	N.A.					
Elevation						
Other (Description)						
Opening Type and Size (inches)	N.A.					
Elevation						
Emergency Spillway						
Elevation	769.75	769.90	x		Grass spillway w/TRM at south berm	
Length of spillway (feet)	15	15				
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	(1) 12" PVC		NE. corner of pond		From building addition roof drain	
Outfall 2	N.A.					
Outfall 3	N.A.					
Storage Properties	Design	Actual	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	N.A.					Trimble Robotic Total Station for survey data collection. AutoCAD Civil 3D for computing volumes and areas. 0.231 Ac-Ft utilized during 100 Yr. storm per SWMP.
Design High Water Elevation	768.69					
Area at Normal Water Elevation (Ac) (Wet Ponds)	N.A.					
Area at Design High Water Elevation (Ac)	0.102	0.104	x			
Active Storage Available (Ac-Ft)*	0.389	0.357	x			
Lowest Elevation at Top of Embankment (If Applicable)	769.75	769.90	x			
Average Elevation at Top of Embankment (If Applicable)	N.A.					
Maximum Bottom Elevation	764.00	764.12	x			
Average Pond Bottom Elevation	764.00	764.50	x			
Pond Bottom Area (Ac)	0.009	0.007	x			
Maximum Pond Depth	5.75	5.78				
Average Pond Depth	5.75	5.40				
Average Permanent Pool Depth (Wet Ponds)	N.A.					

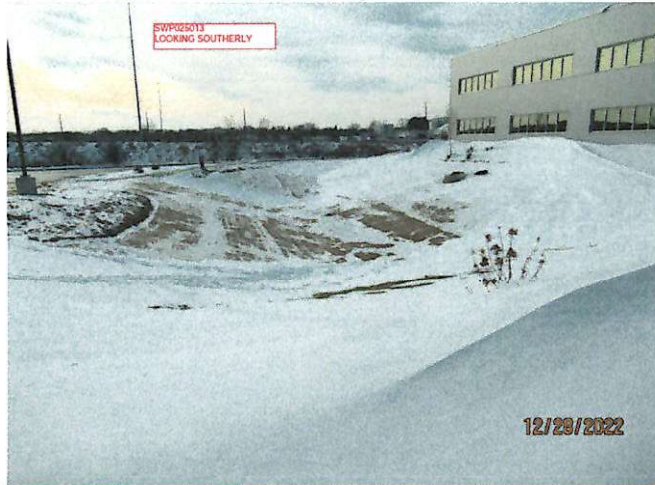
*To Determine Active Storage $V = (H/3)(A1 + A2 + (\sqrt{A1 \cdot A2}))$

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

Sketch Outlet or Attach to Document

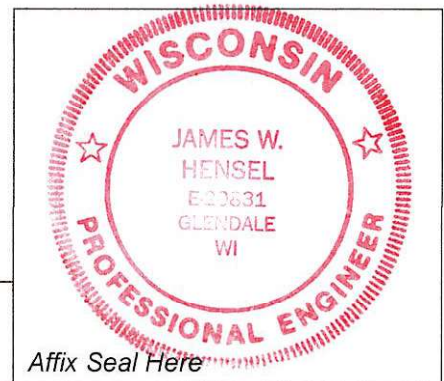
See attached



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

Inspection Firm:	<u>North Shore Engineering, Inc.</u>	Inspector Name :	<u>Scott Zimmerman</u>
Phone Number:	<u>262-241-9400</u>	Inspection Date:	<u>12/28/2022</u>
Address:	<u>11433 N. Port Washington Rd.</u>		
	<u>Mequon, WI 53092</u>		

Certifying Professional Name:	<u>James Hensel, P.E.</u>
Phone Number:	<u>262-241-9400</u>



Date:	Signature:
<u>FEB 21, 2023</u>	<u>James Hensel</u>

10-3-2012

