



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 NW1/4 - SEC. 2 Name of Business/Subdivision FedEx Ground
Property Tax ID Number MNFV0006999003 Address of Property N96W 14849 COUNTY LINE ROAD
MENOMONEE FALLS, WI 53051

Dry Pond	
Wet Pond	X
Other	

Description: Wet Pond
SWP02N019

Location Of Pond Southeast corner of the property

Year Pond Constructed 2014 - reconstruction 2022 Year of Last Certification 2022

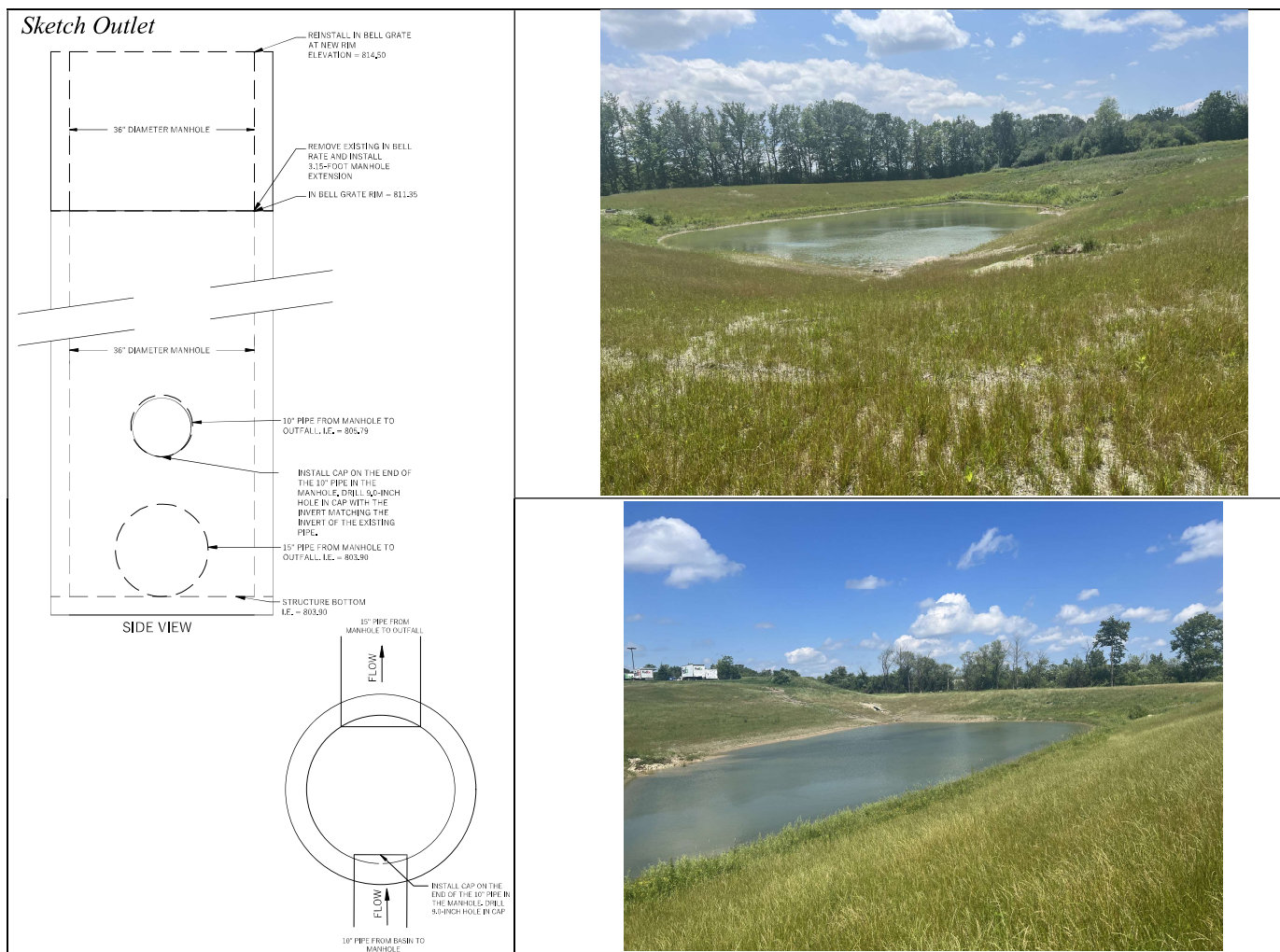
Compliance Verification	Design	Actual	Compliant Yes No		Comments (Condition of Structure)
Primary Outlet Pipe					
Opening Diameter	15"	15"	X		
Upstream Invert	803.90	803.90	X		
Downstream Invert	801.14	801.14	X		
Length	65'	65'	X		
Slope	4.29%	4.29%	X		
Secondary Outlet Pipe	(If Applicable)				
Opening Diameter	N/A				
Upstream Invert	N/A				
Downstream Invert	N/A				
Length	N/A				
Slope	N/A				
Riser	(If Applicable)				
Opening Diameter	36"	36"	X		
Elevation	814.50	814.5	X		
Upper Discharge Control	(If Applicable)				
Opening Diameter	9"	9"	X		
Elevation	805.89	805.83	X		

Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter	N/A					
Elevation	N/A					
Other (Description)						
Opening Type	N/A					
Elevation	N/A					
Emergency Spillway						
Elevation	815.0	815.2	X			
Length of spillway	40'	40'	X			
Embankment			Present Yes No			
Unauthorized plantings, trees, or woody vegetation				X		
Animal burrows or slope erosion				X		
Storage Properties	Design	Actual	Compliant Yes No		Points Surveyed	Equipment Used
Normal Water Elevation (Wet Ponds)	805.89	805.83	X		YES	GPS
Design High Water Elevation	814.92	814.92	X		NO	ASSUMED EQUAL TO DESIGN
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.781	0.844	X		YES	GPS
Area at Design High Water Elevation (Ac)	1.506	1.721	X		YES	GPS
Active Storage Available (Ac-Ft)*	13.65	14.77	X		NO	PER CALCULATION
Lowest Elevation at Top of Embankment (If Applicable)	817.0	816.85	X		YES	GPS
Average Elevation at Top of Embankment (If Applicable)	817.0	816.95	X		YES	GPS
Maximum Bottom Elevation	800.0	798.9	X		YES	GPS
Average Pond Bottom Elevation	800.0	799.1	X		YES	GPS
Pond Bottom Area (Ac)	0.32	1.24	X		YES	PER CALCULATION
Maximum Pond Depth	5.89	6.93	X		YES	GPS
Average Pond Depth	5.89	6.73	X		YES	GPS

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

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



Inspection Firm:	<u>Wyser Engineering</u>	Inspector Name :	<u>Dan Schnieder</u>
Phone Number:	<u>608-437-1980</u>	Inspection Date:	<u>7/20/2022</u>
Address:	<u>300 E. Front St.</u>		
	<u>Mount Horeb, WI 53572</u>		

Certifying	
Professional Name:	<u>Daniel Schneider, P.E.</u>
Phone Number:	<u>608-437-1980</u>



Date: <div style="text-align: center;">11/09/2022</div>	Signature:
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