



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 _____ Name of Business/Subdivision Breezy Hill
Property Tax ID Number 0021990001 Address of Property N96W21627 County Line Road
Date 8/3/2021 _____

Dry Pond	X
Wet Pond	
Other	

Pond ID: SWP 6N004

Location of Pond Pond 1 Infiltration Basin – Center of Property

Year Pond Constructed 2011 Year of Last Certification 2016

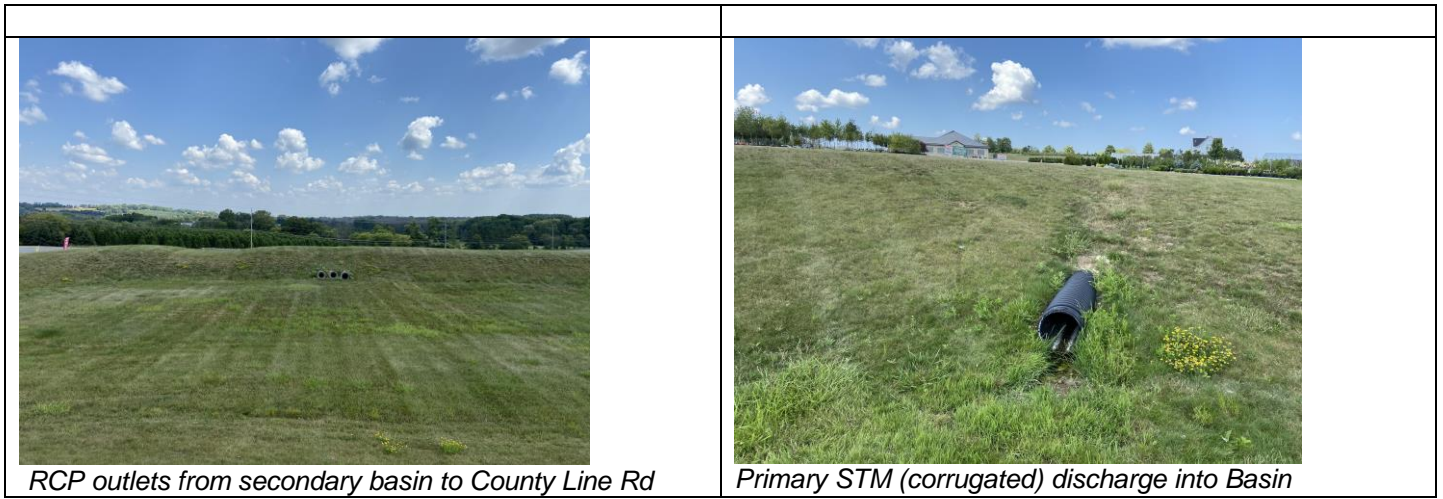
Compliance Verification	Design	Actual	Compliant Yes No		Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	12" (3x)	12" (3x)	Y		RCP; great condition
Upstream Invert	922.3	922.38	Y		
Downstream Invert	921.50	921.52	Y		
Length (feet)	42.50	44.60	Y		
Slope (%)	1.95%	1.93%	Y		
Secondary Outlet Pipe	(If Applicable)				Outlet Pipe Material
Opening Diameter (inches)	N/A				
Upstream Invert					
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	925.00	925.30	Y		Good condition	
Length of spillway (feet)	18.5	27.0	Y			
Embankment	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation		X	Embankment and grassed basin have been well maintained without evidence of animals or invasive species. No woody vegetation was present either.			
Animal burrows or slope erosion		X				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1						
Outfall 2						
Outfall 3						
Storage Properties	Design	Actual	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	922.30	922.38	Y			Pictures on 8/3/2021 display state of pond 1. Secondary basin did not contain any water.
Design High Water Elevation	923.83	923.91	Y			
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.14	0.14	Y			
Area at Design High Water Elevation (Ac)	0.31	0.29	Y			
Active Storage Available (Ac-Ft)*	0.24	0.23	Y			
Lowest Elevation at Top of Embankment (If Applicable)	926.00	925.89	Y			
Average Elevation at Top of Embankment (If Applicable)	926.00	926.30	Y			
Maximum Bottom Elevation	922.00	921.92	Y			
Average Pond Bottom Elevation	922.0	921.92	Y			
Pond Bottom Area (Ac)	0.14	0.14	Y			
Maximum Pond Depth			N/A			
Average Pond Depth			N/A			
Average Permanent Pool Depth (Wet Ponds)			N/A			

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

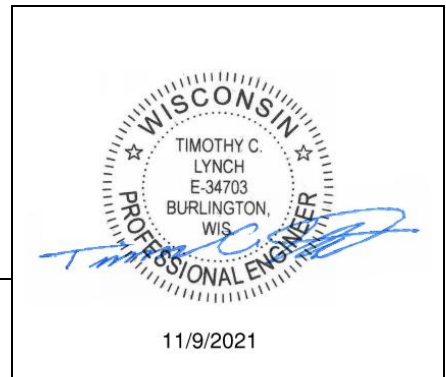
Wet Ponds Use H = Height of Section, $A1$ = area at normal water elevation, $A2$ = area at top section

Dry Ponds Use H = Height of Section, $A1$ = pond bottom area, $A2$ = area at top section



Inspection Firm:	<u>Lynch & Associates</u>	Inspector Name:	<u>Mathieu Stafford</u>
Phone Number:	<u>262-402-5040</u>	Inspection Date:	<u>8/3/2021</u>
Address:	<u>5482 S. Westridge Drive, New Berlin, WI 53151</u>		

Certifying Professional Name:	<u>Tim Lynch, PE</u>
Phone Number:	<u>262-402-5040</u>



Date: 11/9/2021	Signature: 
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