



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
Date 8/3/2021

Name of Business/Subdivision Breezy Hill
Address of Property N96W21627 County Line Road

Dry Pond	X	Pond ID: <u>SWP 6N004</u>	Location of Pond	Pond 1 Infiltration Basin – Center of Property
Wet Pond				
Other				

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 $V=(H/3)(A1+A2+(\sqrt{A1+A2}))$

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

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



RCP outlets from secondary basin to County Line Rd



Primary STM (corrugated) discharge into Basin

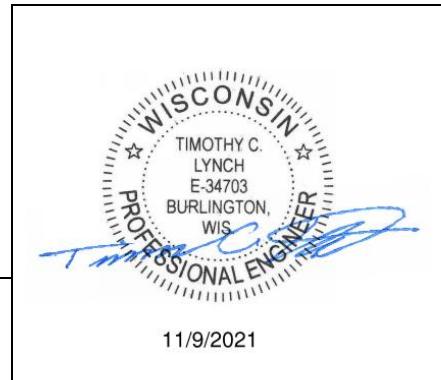
Inspection Firm: Lynch & Associates
Phone Number: 262-402-5040
Address: 5482 S. Westridge Drive, New
Berlin, WI 53151

Inspector Name: Mathieu Stafford
Inspection Date: 8/3/2021

Certifying Professional Tim Lynch, PE
Name: _____
Phone Number: 262-402-5040

Date: 11/9/2021

Signature:



11/9/2021