



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		Location of Pond	Pond 1 Forebay – Center of Property
Wet Pond	X		
Other			

Pond ID: SWP 6N003

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"	12"	Y				
Upstream Invert	924	924.04	Y				
Downstream Invert	923.0	922.92	Y				
Length (feet)	54	52.50	Y				
Slope (%)	1.85%	2.13%	Y				
Secondary Outlet Pipe		(If Applicable)			Outlet Pipe Material		
Opening Diameter (inches)	15"	15"	Y		15" RCP (3 pipes)		
Upstream Invert	925.33	925.00	Y				
Downstream Invert	922.00	922.00	Y				
Length (feet)	44	44	Y				
Slope (%)	6.82%	6.82%	Y				
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	927.00	927.02	Y		Good condition
Length of spillway (feet)	24	42	Y		
Embankment	Present Yes no		Comments/Maintenance Requirements		
Unauthorized Plantings, trees, or woody vegetation		X	Grass is well maintained, there are no unauthorized plantings or natural weeds/invasive plants. Pond is well below full capacity, and is operating well for this area of property		
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)	924.00	924.04	Y		Pictures on 8/3/2021 display state of pond 1. Secondary basin did not contain any water.
Design High Water Elevation	926.78	926.82	Y		
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.19	0.12	N		
Area at Design High Water Elevation (Ac)	0.32	0.31	Y		
Active Storage Available (Ac-Ft)*	0.50	0.42	Y		
Lowest Elevation at Top of Embankment (If Applicable)	929.00	928.35		N	
Average Elevation at Top of Embankment (If Applicable)	929.00	929.00	Y		
Maximum Bottom Elevation	919.00	919.10	Y		
Average Pond Bottom Elevation	919.00	919.30	Y		
Pond Bottom Area (Ac)	0.06	0.06	Y		
Maximum Pond Depth	7.78	7.68	Y		
Average Pond Depth	5.0	4.8	Y		
Average Permanent Pool Depth (Wet Ponds)	5.0	4.8	Y		

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

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



Primary RCP outlet to secondary basin



Primary RCP outlet from pond

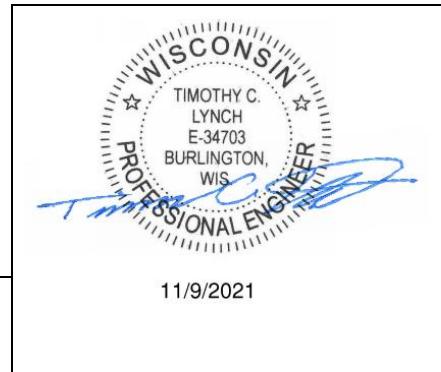
Inspection Firm: Lynch & Associates
Phone Number: 262-402-5040
Address: 5482 S. Westridge Drive, New Berlin, WI 53151

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