



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 8/18/16

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

Dry Pond	
Wet Pond	X
Other	

Pond ID: SWP 6 N 002

Location of
Pond

Pond 2 – East side of Property

Year Pond
Constructed

2011

Year of Last
Certification

Compliance Verification	Design	Actual	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe					
Opening Diameter (inches)	18"	18"	Y		RCP – Basin raised approximately 3' from design; bottom elevation not adjusted; extra capacity in basin for irrigation.
Upstream Invert	871.5	874.18	Y		
Downstream Invert	871.0	873.84	Y		
Length (feet)	50	52	Y		
Slope (%)	1%	1%	Y		
Secondary Outlet Pipe					
Opening Diameter (inches)	N/A				
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
Riser					
Opening Diameter (inches)	N/A				
Elevation					
Upper Discharge Control					
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	876.0	878.3	Y		Excellent condition
Length of spillway (feet)	18	20	Y		
Embankment	Present Yes no		Comments/Maintenance Requirements		
Unauthorized Plantings, trees, or woody vegetation		X	Well maintained grass; embankment and surrounding areas in excellent condition.		
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	Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	871.5	874.0	Y		As surveyed; pictures taken on 8/18/16 show the water surface below the outlet structure.
Design High Water Elevation	875.34	877.84	Y		
Area at Normal Water Elevation (Ac) (Wet Ponds)	1.47	1.64	Y		
Area at Design High Water Elevation (Ac)	1.95	2.22	Y		
Active Storage Available (Ac-Ft)*	6.21	7.27	Y		
Lowest Elevation at Top of Embankment (If Applicable)	877	879.58	Y		
Average Elevation at Top of Embankment (If Applicable)	877	880	Y		
Maximum Bottom Elevation	866.5	857	Y		
Average Pond Bottom Elevation	866.5	857	Y		
Pond Bottom Area (Ac)	21,483	13,200	Y		
Maximum Pond Depth	8.84	20.84	Y		*TOO DEEP TO SURVEY
Average Pond Depth	5	13	Y		*TOO DEEP TO SURVEY
Average Permanent Pool Depth (Wet Ponds)	5	13	Y		*TOO DEEP TO SURVEY

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

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

Sketch Outlet or Attach to Document



Place Photograph of Pond or Attach to Document



See picture above; RCP outlet with riprap spillway.

Place Photograph of Pond or Attach to Document



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

Inspection Firm: Lynch & Associates
Phone Number: 262.402.5040
Address: 5482 S. Westridge Drive
New Berlin, WI 53151

Inspector Name : Dave Nash, PLS
Inspection Date: 7/27/16

Certifying Professional Tim Lynch, PE
Name: _____
Phone Number: 262.402.5040



Date: 8/15/16

Signature:

Affix Seal Here

7/23/2012