



8-17-16

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 8/18/16 _____

Dry Pond	X
Wet Pond	
Other	

Location of Pond _____ Pond 1 Infiltration— Center of Property _____
Pond ID: SWP 6N604 _____

Year Pond Constructed 2011 Year of Last Certification _____

Compliance Verification	Design	Actual	Compliant Yes No		Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	12"	12"	Y		RCP; excellent condition
Upstream Invert	922.3	922.38	Y		
Downstream Invert	921.5	921.52	Y		
Length (feet)	42.5	44.6	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	925.0	925.3	Y			
Length of spillway (feet)	18.5	27.0	Y			
Embankment	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation		X	Well maintained embankment and surrounding areas; well vegetated with no woody growth or signs of animal burrows.			
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)	922.3	922.38	Y			
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)	926.0	925.89	Y			
Average Elevation at Top of Embankment (If Applicable)	926.0	926.3	Y			
Maximum Bottom Elevation	922.0	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 $V = H/3(A1 + A2 + (A1 \times A2)^{1/2})$

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

Sketch Outlet or Attach to Document



See picture above; 3 RCP culverts discharge to grade.

Place Photograph of Pond or Attach to Document



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 Name: Tim Lynch, PE
Phone Number: 262.402.5040



Date: 8/15/16

Signature:

Affix Seal Here

10-3-2012