



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 \_\_\_\_\_  
 Property Tax ID Number 0021990001  
 Date 8/18/16

Name of Business/Subdivision \_\_\_\_\_  
 Address of Property \_\_\_\_\_

Breezy Hill  
N96W21627 County Line Road

Dry Pond	X
Wet Pond	
Other	

Pond ID: SWP 6N004

Location of  
Pond \_\_\_\_\_

Pond 1 Infiltration– Center of  
Property \_\_\_\_\_

Year Pond  
Constructed 2011

Year of Last  
Certification \_\_\_\_\_

Compliance Verification	Design	Actual	Compliant Yes	Compliant No	Comments (Condition of Structure)
<b>Primary Outlet Pipe</b>					
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		
<b>Secondary Outlet Pipe</b>					
Opening Diameter (inches)	N/A				
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
<b>Riser</b>					
Opening Diameter (inches)	N/A				
Elevation					
<b>Upper Discharge Control</b>					
Opening Diameter (inches)	N/A				
Elevation					

Compliance Verification	Design	Actual	Compliant Yes      No	Comments	
<b>Lower Discharge Control</b>	<b>(If Applicable)</b>				
Opening Diameter (inches)	N/A				
Elevation					
<b>Other (Description)</b>					
Opening Type and Size (inches)	N/A				
Elevation					
<b>Emergency Spillway</b>					
Elevation	925.0	925.3	Y		
Length of spillway (feet)	18.5	27.0	Y		
<b>Embankment</b>	Present Yes      no		<b>Comments/Maintenance Requirements</b>		
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			
<b>Storm Sewer Outfalls</b>	<b>Type &amp; Size</b>		<b>Location</b>		<b>Comments</b>
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     $V=H/3(A1+A2+(A1xA2)1/2)$

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



Place Photograph of Pond or Attach to Document



See picture above; 3 RCP culverts discharge to grade.

Place Photograph of Pond or Attach to Document



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

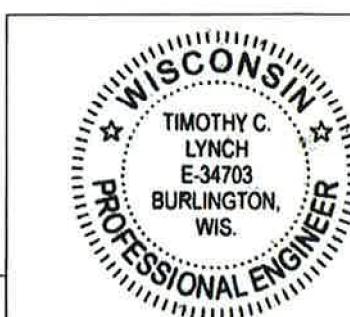
Inspection Firm: Lynch & Associates  
Phone Number: 262.402.5040  
Address: 5482 S. Westridge Drive  
New Berlin, WI 53151

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