



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	
Wet Pond	X
Other	

Location of  
Pond

Pond 1 Forebay- Center of  
Property

Pond ID: SWP 6 N 003

Year Pond  
Constructed

2011

Year of Last  
Certification

Compliance Verification	Design	Actual	Compliant Yes No		Comments ( Condition of Structure)
<b>Primary Outlet Pipe</b>					<b>Outlet Pipe Material</b>
Opening Diameter (inches)	12"	12"	Y		RCP; excellent condition
Upstream Invert	924	924.04	Y		
Downstream Invert	923.0	922.92	Y		
Length (feet)	54	52.5	Y		
Slope (%)	1.85%	2.13%	Y		
<b>Secondary Outlet Pipe</b>	(If Applicable)				<b>Outlet Pipe Material</b>
Opening Diameter (inches)	N/A				
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
<b>Riser</b>	(If Applicable)				<b>Riser Material</b>
Opening Diameter (inches)	N/A				
Elevation					
<b>Upper Discharge Control</b>	(If Applicable)				
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	927.0	927.02	Y			
Length of spillway (feet)	24	42	Y			
<b>Embankment</b>	<b>Present Yes no</b>		<b>Comments/Maintenance Requirements</b>			
Unauthorized Plantings, trees, or woody vegetation		X	Well maintained grass; no signs of woody growth or 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						
<b>Storage Properties</b>	<b>Design</b>	<b>Actual</b>	<b>Compliant Yes No</b>		<b>Not Applicable</b>	<b>Equipment Used</b>
Normal Water Elevation (Wet Ponds)	924.0	924.04	Y			As surveyed; pictures on 8/18/16 show the water elevation about 1' below outlet.
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)	929.0	928.35		N		
Average Elevation at Top of Embankment (If Applicable)	929.0	929.0	Y			
Maximum Bottom Elevation	919.0	919.1	Y			
Average Pond Bottom Elevation	919.0	919.3	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  $V = H/3(A1 + A2 + (A1 \times A2)^{1/2})$

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 photo: RCP culvert; discharge into infiltration basin.*

*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