



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 SE 1/4 Name of Business/Subdivision Christman Crossing  
 Property Tax ID Number MNFV0016280 Address of Property W177 N8848 St. Thomas Dr.  
 Date 7/26/14 Menomonee Falls, WI

Dry Pond	<input checked="" type="checkbox"/>
Wet Pond	<input type="checkbox"/>
Other	<input type="checkbox"/>

Location of Pond Outlet 1  
Christman Crossing Subdivision  
Sec. 4-8-20

Pond ID: SWP 45001  
Triangular shaped pond  
w/ cattails @ bottom

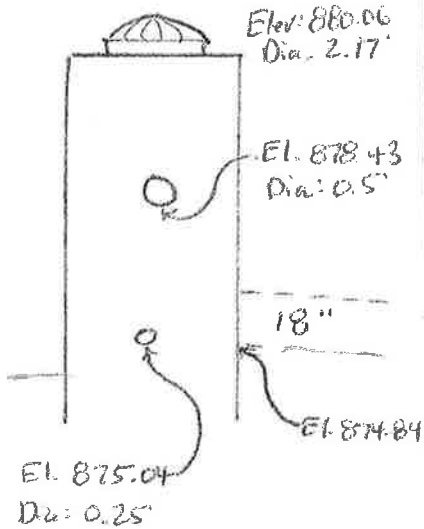
Year Pond Constructed 2004 Year of Last Certification 2009

Compliance Verification	Design	Actual	Compliant		Comments (Condition of Structure)
			Yes	No	
<b>Primary Outlet Pipe</b>					Outlet Pipe Material
Opening Diameter (inches)	18"	18"	✓		
Upstream Invert	875	874.84	✓		
Downstream Invert	874.52	874.36	✓		
Length (feet)	95'	95'	✓		
Slope (%)	0.5%	0.5%	✓		
<b>Secondary Outlet Pipe</b> (If Applicable)					Outlet Pipe Material
Opening Diameter (inches)					
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
<b>Riser</b> (If Applicable)					Riser Material
Opening Diameter (inches)	100'	2.17'			Opening dia. changed by city.
Elevation	883.0	880.06			Change in elevation by city.
<b>Upper Discharge Control</b> (If Applicable)					Change in final outfall subsequent to design
Opening Diameter (inches)	0.42'	0.50'	✓		
Elevation	878.5	878.43	✓		

Compliance Verification	Design	Actual	Compliant		Comments	
			Yes	No		
<b>Lower Discharge Control</b>	(If Applicable)					
Opening Diameter (inches)	0.25'	0.25'	✓			
Elevation	875.0	875.04	✓			
<b>Other (Description)</b>						
Opening Type and Size (inches)						
Elevation						
<b>Emergency Spillway</b>						
Elevation	883.0	883.7				
Length of spillway (feet)	10'	10'	✓		No rip-rap	
<b>Embankment</b>	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation		X				
Animal burrows or slope erosion		X				
<b>Storm Sewer Outfalls</b>	Type & Size		Location		Comments	
Outfall 1						
Outfall 2						
Outfall 3						
<b>Storage Properties</b>	Design	Actual	Compliant		Not Applicable	Equipment Used
			Yes	No		
Normal Water Elevation (Wet Ponds)	N/A	N/A				Total Station
Design High Water Elevation	882.54	881.5				
Area at Normal Water Elevation (Ac) (Wet Ponds)	N/A	N/A				
Area at Design High Water Elevation (Ac)	0.35					
Active Storage Available (Ac-Ft)*	1.07	1.43				
Lowest Elevation at Top of Embankment (If Applicable)	885.0	884.4				
Average Elevation at Top of Embankment (If Applicable)	N/A	N/A				
Maximum Bottom Elevation	875.0	874.3				
Average Pond Bottom Elevation	875.0	875.0				
Pond Bottom Area (Ac)	0.03					
Maximum Pond Depth	9.0	9.7				
Average Pond Depth	9.0	9.5				
Average Permanent Pool Depth (Wet Ponds)						

\*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



~~Place Photograph of Pond or Attach to Document~~

See Attached photographs

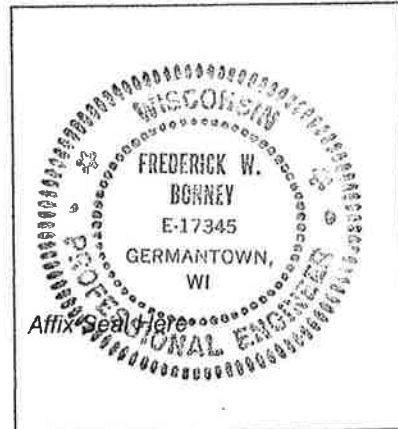
~~Place Photograph of Pond or Attach to Document~~

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

Inspection Firm: Land Tech Surveying  
 Phone Number: 262-367-7599  
 Address: P.O. Box 15  
Hartland, WI 53629

Inspector Name: John Downing  
 Inspection Date: 7/26/14

Certifying Professional Name: FREDERICK BONEY  
 Phone Number: 262-255-5845



Date:  
7-26-14

Signature:  
*John Bony*



10-3-2012



Photo showing overview  
of pond area.



Photo showing cattails  
at bottom of pond and  
riser structure.



Photo showing riser  
structure.