



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 6/28/2015

SE1/4 29 Name of Business/Subdivision
0116-059 Address of Property

Spencer's Pass
East Subdivision

Dry Pond		Location of Pond	North of Fox River Way in Outlot 4
Wet Pond	X		Of Spencer's Pass East
Other		Pond ID:	Subdivision

Year Pond Constructed 2005 Year of Last Certification 2011

Compliance Verification	Design	Actual	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe					
Opening Diameter (inches)	15"	15"			
Upstream Invert	836.2	835.93			
Downstream Invert		835.56			
Length (feet)		78			
Slope (%)		0.5			
Secondary Outlet Pipe	(If Applicable)				
Opening Diameter (inches)					Outlet Pipe Material
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
Riser	(If Applicable)				
Opening Diameter (inches)	-	24"			Riser Material
Elevation	840.00	839.49			
Upper Discharge Control	(If Applicable)				
Opening Diameter (inches)					
Elevation					

Compliance Verification	Design	Actual	Compliant Yes No	Comments			
Lower Discharge Control	(If Applicable)						
Opening Diameter (inches)	7"	7"	X				
Elevation	836.20	836.18	X				
Other (Description)							
Opening Type and Size (inches)							
Elevation							
Emergency Spillway							
Elevation	844.75	844.73	X				
Length of spillway (feet)		10	X				
Embankment	Present Yes no		Comments/Maintenance Requirements				
Unauthorized Plantings, trees, or woody vegetation		X					
Animal burrows or slope erosion		X					
Storm Sewer Outfalls	Type & Size		Location		Comments		
Outfall 1	48" RCP		SW corner of pond		Inv 836.23		
Outfall 2							
Outfall 3							
Storage Properties	Design	Actual	Compliant Yes No	Not Applicable	Equipment Used		
Normal Water Elevation (Wet Ponds)	836.20	834.09		X			
Design High Water Elevation	844.75	844.73	X				
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.525	0.511	X				
Area at Design High Water Elevation (Ac)	1.373	1.358	X				
Active Storage Available (Ac-Ft)*	6.436	6.315	X				
Lowest Elevation at Top of Embankment (If Applicable)	844.75	844.73	X				
Average Elevation at Top of Embankment (If Applicable)	845.75	845.75	X				
Maximum Bottom Elevation	831.20	830.43	X				
Average Pond Bottom Elevation	831.20	831	X				
Pond Bottom Area (Ac)	0.123	0.041	X				
Maximum Pond Depth	14.55	15.32	X				
Average Pond Depth	14.55	14.75	X				
Average Permanent Pool Depth (Wet Ponds)	5	3.09		X			

*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



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

Inspection Firm: Stantec Consulting, LLC
Phone Number: 262-241-4466
Address: 12075 Corporate Parkway
Suite 200
Mequon, WI 53092

Inspector Name : J. Scott Henkel
Inspection Date: 6/16/2016

Certifying Professional JoEllen Donovan
Name:
Phone Number: 262-643-9014

We are certifying that the above tabulated data represents the existing conditions of the pond on the date of our survey. Compliance or non-compliance with Village ordinance requirements, as well as the potential need for follow-up repair work, is indicated in the table.

Date:	Signature:
<u>7/28/16</u>	<u>JoEllen</u>

