



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 SE1/4 29 Name of Business/Subdivision Spencer's Pass
 Property Tax ID Number 0116-059 Address of Property East Subdivision
 Date 6/28/2015

Dry Pond	
Wet Pond	X
Other	

Location of Pond North of Fox River Way in Outlot 4
Of Spencer's Pass East
 Pond ID: SWP29S001
Subdivision

Year Pond Constructed 2005 Year of Last Certification 2011

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

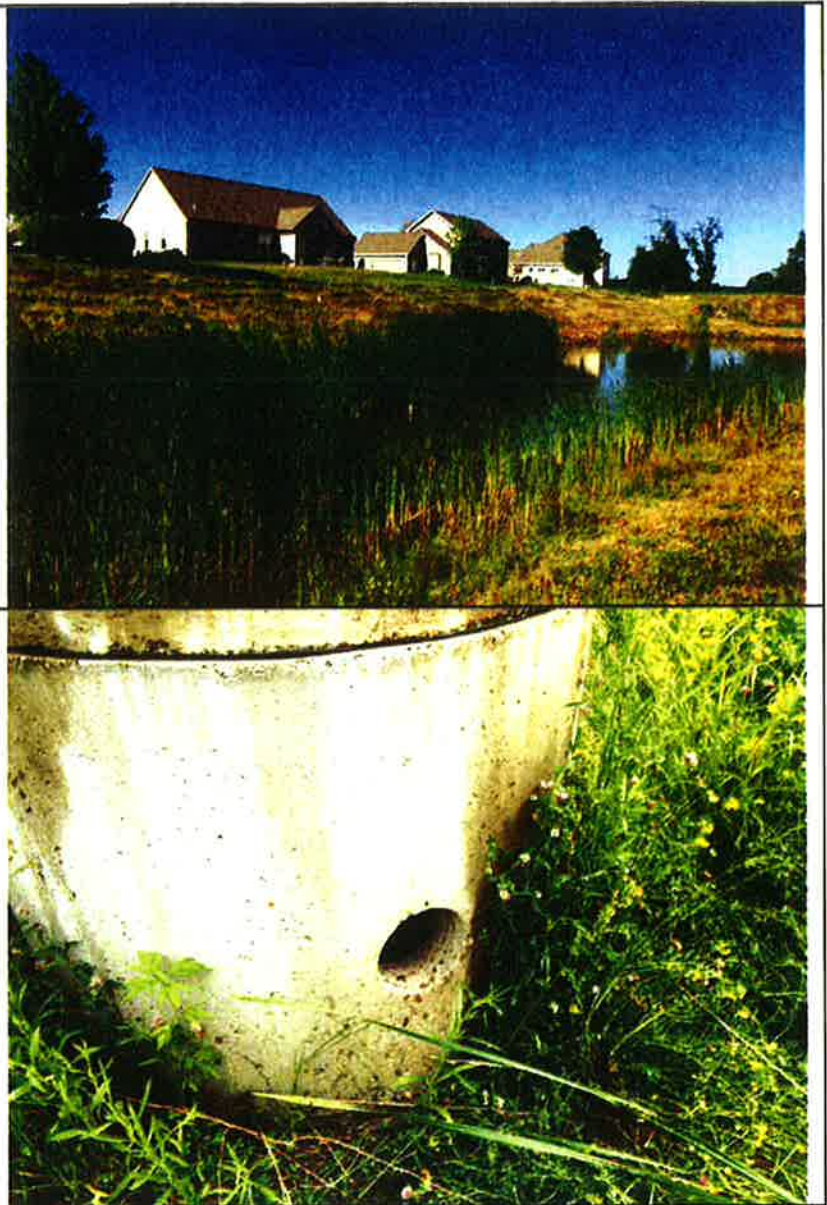
Compliance Verification	Design	Actual	Compliant		Comments	
			Yes	No		
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)	7"	7"	X			
Elevation	836.20	836.18	X			
Other (Description)						
Opening Type and Size (inches)						
Elevation						
Emergency Spillway						
Elevation	844.75	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 $V=H/3(A1+A2+(A1 \times A2)^{1/2})$

Wet Ponds Use $H = \text{Height of Section}$, $A1 = \text{area at normal water elevation}$, $A2 = \text{area at top section}$

Dry Ponds Use $H = \text{Height of Section}$, $A1 = \text{pond bottom area}$, $A2 = \text{area at top section}$

Sketch Outlet or Attach to Document



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

Inspection Firm: Stantec Consulting, LLC Inspector Name : J. Scott Henkel
 Phone Number: 262-241-4466 Inspection Date: 6/16/2016
 Address: 12075 Corporate Parkway
 Suite 200
 Mequon, WI 53092

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: 7/28/16 Signature: JoEllen