



11-5-14

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 NE 1/4 34 Name of Business/Subdivision RAVENSWOOD
 Property Tax ID Number 0133.216 Address of Property _____
 Date 9/16/14 _____

Dry Pond	
Wet Pond	X
Other	

Location of Pond OUTLOT 2 (SOUTHERN)
POND #1

Pond ID: SWP 34N004

Year Pond Constructed _____ Year of Last Certification 2009

Compliance Verification	Design	Actual	Compliant		Comments (Condition of Structure)
			Yes	No	
Primary Outlet Pipe					
Opening Diameter (inches)	12	12	X		STRUCTURE IN GOOD SHAPE
Upstream Invert	804.0	803.90	X		
Downstream Invert	803.0	802.82	X		
Length (feet)	334	333.76	X		
Slope (%)	0.30	0.324	X		
Secondary Outlet Pipe (If Applicable)					
Opening Diameter (inches)					Outlet Pipe Material
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
Riser (If Applicable)					
Opening Diameter (inches)					Riser Material
Elevation <u>TO GRATE TOP</u>	807.90	807.97	X		
Upper Discharge Control (If Applicable)					
Opening Diameter (inches)					
Elevation					

OUTLOT 2 - POND # 1

Compliance Verification	Design	Actual	Compliant		Comments	
			Yes	No		
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)	6	6	X			
Elevation	804.2	803.90	X			
Other (Description)						
Opening Type and Size (inches)						
Elevation						
Emergency Spillway						
Elevation	808.9	808.7	X			
Length of spillway (feet)	20	21.4	X			
Embankment	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation	X		UNDERBRUSH & CATTAIL GROWTH RECOMMEND REMOVAL			
Animal burrows or slope erosion		X				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1						
Outfall 2						
Outfall 3						
Storage Properties	Design	Actual	Compliant		Not Applicable	Equipment Used
			Yes	No		
Normal Water Elevation (Wet Ponds)	804.0	804.1	X			TOTAL STATION & LEVEL
Design High Water Elevation	808.26	808.3	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.44	0.44	X			
Area at Design High Water Elevation (Ac)	0.67	0.67	X			
Active Storage Available (Ac-Ft)*	2.3	2.3	X			
Lowest Elevation at Top of Embankment (If Applicable)	809.9	809.7	X			
Average Elevation at Top of Embankment (If Applicable)	809.9	809.8	X			
Maximum Bottom Elevation	796.0	795.3	X			
Average Pond Bottom Elevation	796.0	795.3	X			
Pond Bottom Area (Ac)						
Maximum Pond Depth	8.0	8.8	X			
Average Pond Depth	8.0	8.8	X			
Average Permanent Pool Depth (Wet Ponds)	8.0	8.8	X			



*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

6 photos from South clockwise
to W, N, E

Place Photograph of Pond or Attach to Document

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

Inspection Firm: PIONEER ENGINEERING
Phone Number: 414 651 0490
Address: W 3902 CTH B
JOHNSON CREEK WI 53058

Inspector Name: KALVIN K. KLIMECK
Inspection Date: 9/11/14

Certifying Professional
Name: KALVIN K. KLIMECK
Phone Number: 414 651-0490



Date:

9/16/14

Signature:

Kalvin K Klimeck





