



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 SW 1/4 SEC 13 Name of Business/Subdivision ST. ANTHONY CONVENT
 Property Tax ID Number MNF00051985 Address of Property N74 W13604 ARLSON AVE
 Date 7/29/15 MENOMONEE FALLS, WI

Dry Pond	
Wet Pond	<u>X</u>
Other	

Location of
Pond

NW CORNER OF SITE
ALONG N. HILLS DR.

Pond ID: SWP 135044

Year Pond
Constructed

2005

Year of Last
Certification

8/9/2011

Compliance Verification	Design	Actual	Compliant Yes No	Comments (Condition of Structure)
Primary Outlet Pipe				Outlet Pipe Material
Opening Diameter (inches)		12"		CONCRETE PIPE
Upstream Invert	778.00	778.11	X	
Downstream Invert	777.00	777.00	X	
Length (feet)	23'	22'	X	
Slope (%)	4.35%	5.05%	X	
Secondary Outlet Pipe	(If Applicable)			Outlet Pipe Material
Opening Diameter (inches)				
Upstream Invert	N/A			
Downstream Invert				
Length (feet)				
Slope (%)				
Riser	(If Applicable)			Riser Material
Opening Diameter (inches)		24"		CONCRETE STRUCTURE
Elevation		782.55		
Upper Discharge Control	(If Applicable)			
Opening Diameter (inches)		4"		
Elevation		779.19		

Compliance Verification	Design	Actual	Compliant Yes No	Comments	
Lower Discharge Control	(If Applicable)				
Opening Diameter (inches)		4"			
Elevation		778.05			
Other (Description)					
Opening Type and Size (inches)	N/A				
Elevation					
Emergency Spillway					
Elevation	781.60	781.24	X		
Length of spillway (feet)	10'	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					
Outfall 2					
Outfall 3					
Storage Properties	Design	Actual	Compliant Yes No	Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	778.05	777.92	X		GPS (TRIMBLE)
Design High Water Elevation					
Area at Normal Water Elevation (Ac) (Wet Ponds)		0.026			EL=778.05
Area at Design High Water Elevation (Ac)					
Active Storage Available (Ac-Ft)*		0.70			
Lowest Elevation at Top of Embankment (If Applicable)		781.33			OUTSIDE OF SPILLWAY
Average Elevation at Top of Embankment (If Applicable)		782.32			OUTSIDE OF SPILLWAY
Maximum Bottom Elevation		777.20			
Average Pond Bottom Elevation		777.35			
Pond Bottom Area (Ac)		0.006			
Maximum Pond Depth		0.91'			
Average Pond Depth		0.76'			
Average Permanent Pool Depth (Wet Ponds)		0.57			

*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

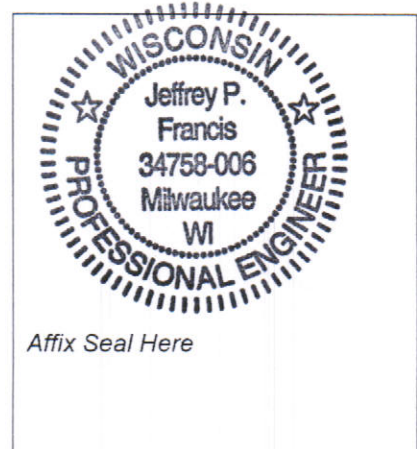
Sketch Outlet or Attach to Document SEE ATTACHED	SEE ATTACHED Place Photograph of Pond or Attach to Document
	Place Photograph of Pond or Attach to Document

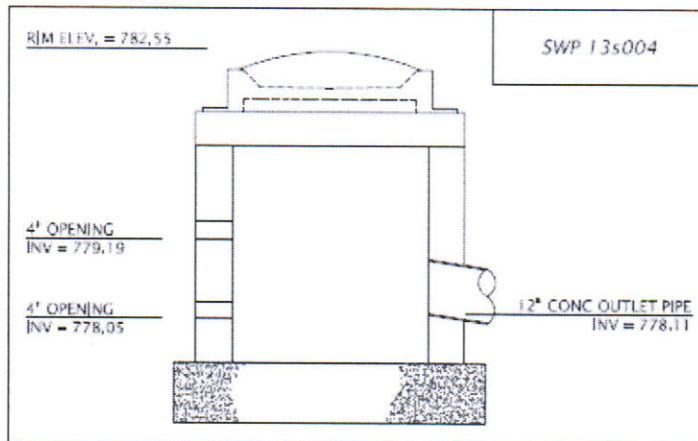
Attach As-built Survey to the Document for the first report submission

Inspection Firm: TERRA ENGINEERING Inspector Name: JEFF FRANCIS
 Phone Number: 262 377 9905 Inspection Date: 7/15/2015
 Address: W67N222 ARLINGTON
COBLESKILL, WI
53012

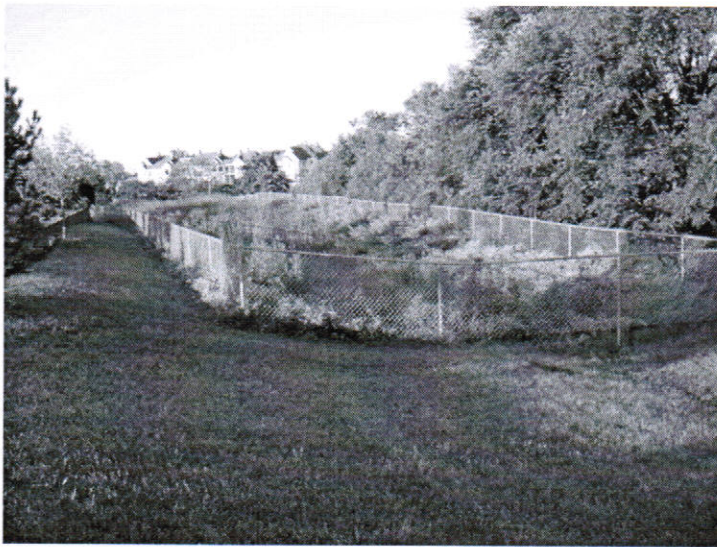
Certifying Professional Name: JEFFREY P. FRANCIS
 Phone Number: ~~262 377 9905~~ 262 377 9905


 7/29/15





SWP 13s004 Outlet Sketch



SWP 13s004 Photo (facing South)



SWP 13s004 Photo (facing North)