



Dec 8-19-11
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 Saint Anthony Congregation
Property Tax ID Number MNFI0051995 Address of Property N74W13604 Appleton Ave.
Menomonee Falls, WI

Dry Pond	X	Location Of Pond	Northwest Corner of the site
Wet Pond			
Other			

Year Pond Constructed 2005 Year of Last Certification N/A

Compliance Verification	Design	Actual	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe					
Opening Diameter	12"	12"	X		
Upstream Invert	783.00	783.64	X		
Downstream Invert	781.00	781.80	X		
Length	89'	78'	X		
Slope	2.25%	2.36%	X		
Secondary Outlet Pipe (If Applicable)					
Opening Diameter	N/A				
Upstream Invert					
Downstream Invert					
Length					
Slope					
Riser (If Applicable)					
Opening Diameter		24"			
Elevation		786.35			
Upper Discharge Control (If Applicable)					
Opening Diameter		4"			
Elevation		784.72			

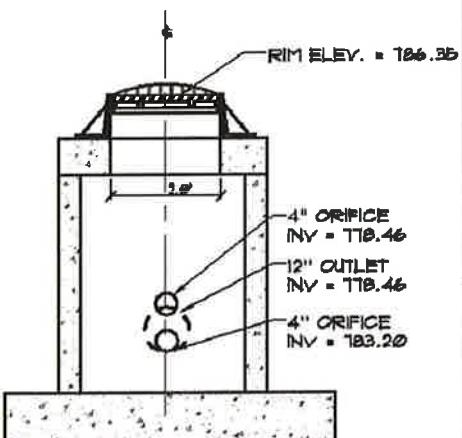
Compliance Verification	Design	Actual	Compliant Yes No		Comments
	(If Applicable)				
Lower Discharge Control					
Opening Diameter		4"			
Elevation		783.20			
Other (Description)					
Opening Type	N/A				
Elevation					
Emergency Spillway					
Elevation	785.60	785.91	X		
Length of spillway	14'	14'	X		
Embankment			Present Yes No		
Unauthorized plantings, trees, or woody vegetation			X		
Animal burrows or slope erosion			X		
Storage Properties					
Storage Properties	Design	Actual	Compliant Yes No	Points Surveyed	Equipment Used
Normal Water Elevation (Wet Ponds)	N/A			See Plan	Total Station (typ)
Design High Water Elevation					
Area at Normal Water Elevation (Ac) (Wet Ponds)	N/A				
Area at Design High Water Elevation (Ac)		0.096			*Area at 785.91
Active Storage Available (Ac-Ft)*		0.118			
Lowest Elevation at Top of Embankment (If Applicable)		786.22			
Average Elevation at Top of Embankment (If Applicable)		786.50			
Maximum Bottom Elevation		783.08			
Average Pond Bottom Elevation		783.50			
Pond Bottom Area (Ac)		0.049			
Maximum Pond Depth		N/A			
Average Pond Depth		N/A			

*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



Inspection Firm:

Harwood Engineering

Phone Number:

(414) 475-5554

Address:

255 North 21st Street

Milwaukee, WI 53233

Inspector Name :

Brad Seubert

Inspection Date:

08/15/2011

Certifying

Professional Name:

Thomas B. Olejniczak

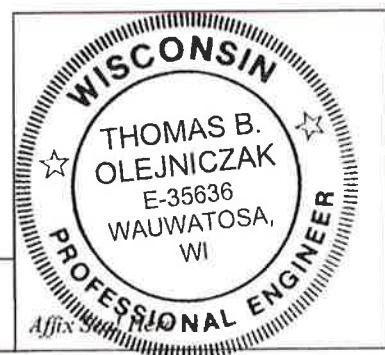
Phone Number:

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Signature:





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Quarter Section SW 1/4 Sec. 13 Name of Business/Subdivision Saint Anthony Congregation
Property Tax ID Number MNFV0051995 Address of Property N74W13604 Appleton Ave.
Menomonee Falls, WI

Dry Pond		Description: <u>ID# SWP13s004</u>	Location Of Pond	Northwest Corner of the site
Wet Pond	X			
Other				

Year Pond Constructed 2005 Year of Last Certification N/A for 2010

Compliance Verification	Design	Actual	Compliant Yes	Non-Compliant No	Comments (Condition of Structure)
<i>Primary Outlet Pipe</i>					
Opening Diameter		12"			
Upstream Invert		778.46			
Downstream Invert	777.00	777.39	X		
Length	23'	20'	X		
Slope	4.35%	5.35%	X		
<i>Secondary Outlet Pipe</i> (If Applicable)					
Opening Diameter	N/A				
Upstream Invert					
Downstream Invert					
Length					
Slope					
<i>Riser</i> (If Applicable)					
Opening Diameter		24"			
Elevation		782.82			
<i>Upper Discharge Control</i> (If Applicable)					
Opening Diameter		4"			
Elevation		779.45			

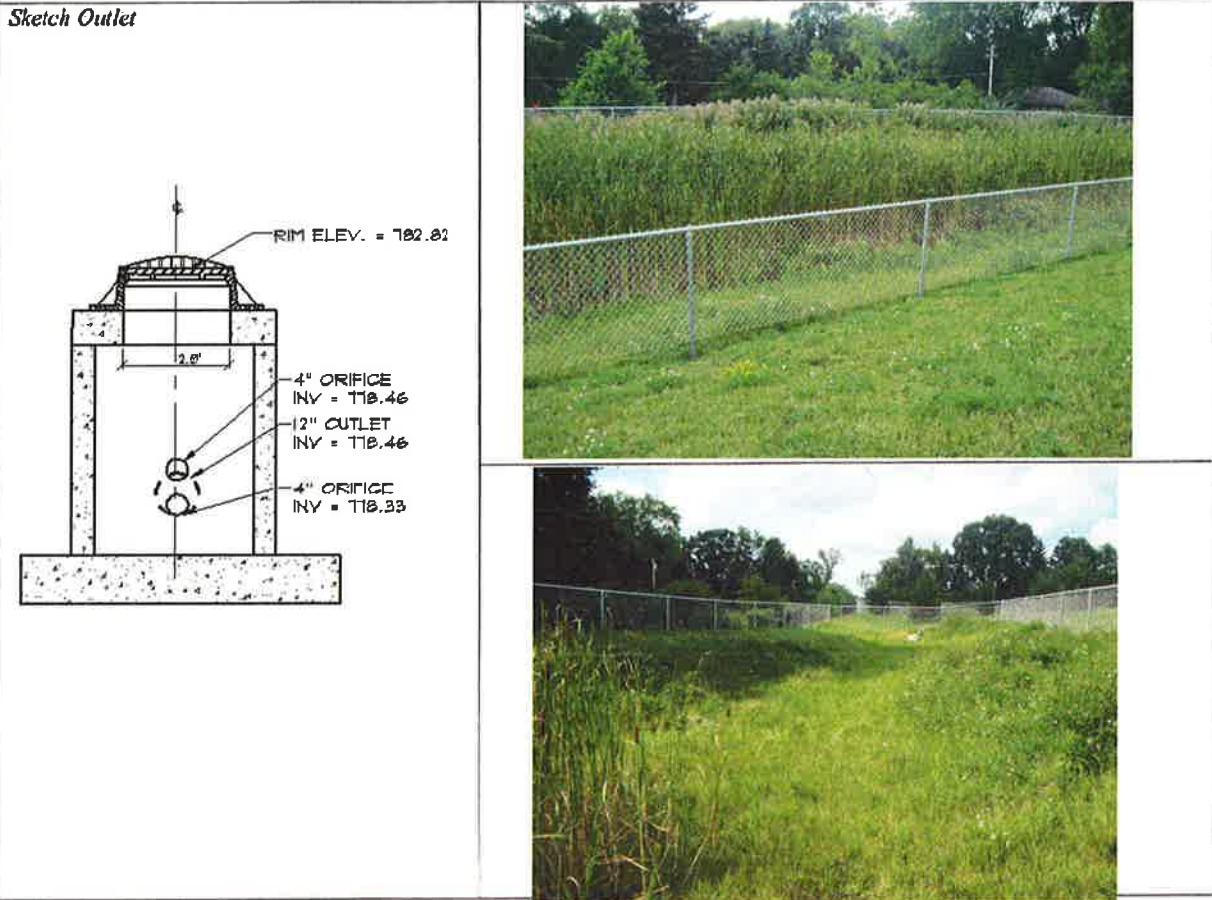
Compliance Verification	Design	Actual	Compliant Yes No		Comments
Lower Discharge Control	(If Applicable)				
Opening Diameter		4"			
Elevation		778.33			
Other (Description)					
Opening Type	N/A				
Elevation					
Emergency Spillway					
Elevation	781.60	781.34	X		
Length of spillway	10'	10'	X		
Embankment			Present Yes	No	
Unauthorized plantings, trees, or woody vegetation			X		
Animal burrows or slope erosion			X		
Storage Properties	Design	Actual	Compliant Yes	No	Equipment Used
Normal Water Elevation (Wet Ponds)	778.00	778.00			See Plan Total Station (typ)
Design High Water Elevation					
Area at Normal Water Elevation (Ac) (Wet Ponds)		0.052			
Area at Design High Water Elevation (Ac)					
Active Storage Available (Ac-Ft)*		0.778			
Lowest Elevation at Top of Embankment (If Applicable)		782.29			
Average Elevation at Top of Embankment (If Applicable)		782.50			
Maximum Bottom Elevation		776.52			
Average Pond Bottom Elevation		777.00			
Pond Bottom Area (Ac)		0.006			
Maximum Pond Depth		1.94'			
Average Pond Depth		1.46'			

*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

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