



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 ¼ of Sec. 33 Name of Business/Subdivision Zion Evangelical Lutheran Congregation
 Property Tax ID Number MNFV 0131991008 Address of Property N48 W18700 Lisbon Road
Menomonee Falls, WI 53051

Dry Pond	
Wet Pond	X
Other	

Description: 335 001

Location Of Pond North side of Lisbon Road,
650 feet east of Emerald Hills
Drive

Year Pond Constructed 2006 Year of Last Certification _____

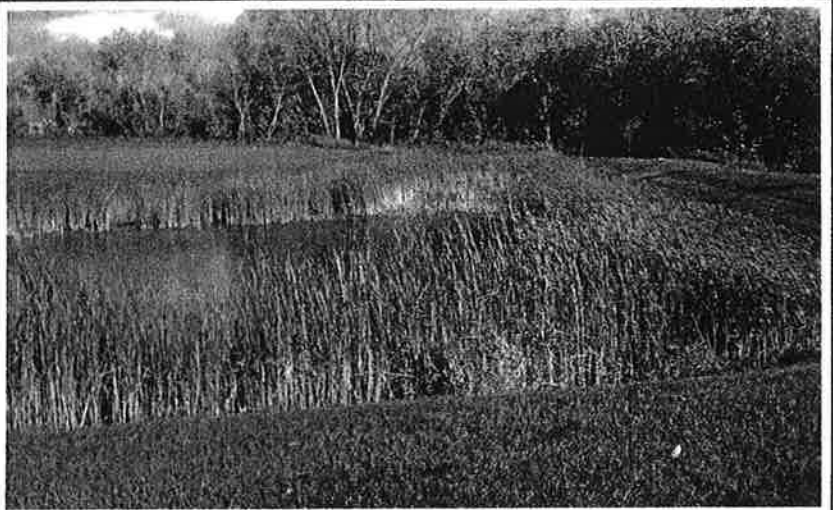
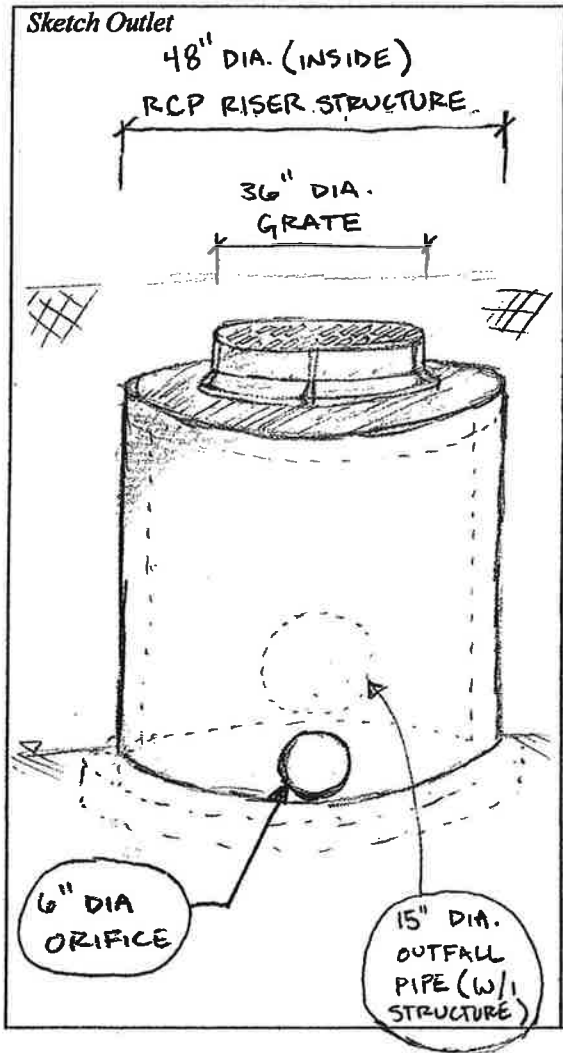
Compliance Verification	Design	Actual	Compliant		Comments (Condition of Structure)
			Yes	No	
Primary Outlet Pipe					
Opening Diameter	15"	15"	X		
Upstream Invert	891.0	890.9	X		
Downstream Invert	890.5	890.43	X		
Length	44.33'	43.79'	X		
Slope	1.13%	1.07%	X		
Secondary Outlet Pipe (If Applicable)					
			N/A		
Opening Diameter					
Upstream Invert					
Downstream Invert					
Length					
Slope					
Riser (If Applicable)					
Opening Diameter	36"	36"	X		Riser structure is in good condition
Elevation	894.0	894.3	X		
Upper Discharge Control (If Applicable)					
			N/A		
Opening Diameter					
Elevation					

Compliance Verification	Design	Actual	Compliant		Comments	
			Yes	No		
Lower Discharge Control	(If Applicable)					
Opening Diameter	6"	6"	X			
Elevation	891.0	890.9	X			
Other (Description)						
Opening Type						
Elevation						
Emergency Spillway						
Elevation	895.3	895.15	X			
Length of spillway	10'	10'	X			
Embankment			Present			
			Yes	No		
Unauthorized plantings, trees, or woody vegetation				X	Limited landscape plantings on embankment	
Animal burrows or slope erosion				X		
Storage Properties	Design	Actual	Compliant		Points Surveyed	Equipment Used
			Yes	No		
Normal Water Elevation (Wet Ponds)	891.0	890.9	X		15	GPS (Navcom)
Design High Water Elevation	893.64	893.64	X		19	GPS (Navcom)
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.22	0.26	X			
Area at Design High Water Elevation (Ac)	0.33	0.38	X			
Active Storage Available (Ac-Ft)*	0.52	0.61	X			
Lowest Elevation at Top of Embankment (If Applicable)	896.3	895.7	X		10	GPS (Navcom)
Average Elevation at Top of Embankment (If Applicable)	896.3	896.2	X		10	GPS (Navcom)
Maximum Bottom Elevation	884	884.4	X		6	Extended rod with measure down rod
Average Pond Bottom Elevation	884	884.9	X		6	Extended rod with measure down rod
Pond Bottom Area (Ac)	0.014	0.014	X			
Maximum Pond Depth	7'	6.5'	X		6	Extended rod with measure down rod
Average Pond Depth	5'	5'	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



Inspection Firm: Losik Engineering Design Group Ltd. **Inspector Name :** Josh Pudelko, P.E., M.S.
Phone Number: 262-790-1480 **Inspection Date:** September 24, 2010
Address: P.O. Box 1967
Brookfield, WI 53008

Certifying
Professional Name: Michael J. Losik, P.E., L.S.
Phone Number: (262) 790-1480



Date: 9-27-2010 **Signature:** 