



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 S9, T8N, R20E Name of Business/Subdivision Menomonee Falls MOB
Property Tax ID Number _____ Address of Property _____
Date _____

Dry Pond	
Wet Pond	X
Other	

Pond ID: SWP09S004

Location of Pond Northeast Corner of Project Site

Year Pond Constructed 2010 Year of Last Certification 2010

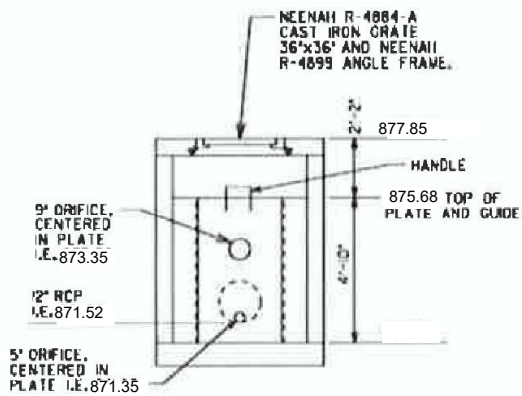
Compliance Verification	Design	Actual	Compliant Yes No	Comments (Condition of Structure)
Primary Outlet Pipe				Outlet Pipe Material
Opening Diameter (inches)	12" RCP	12" RCP	X	
Upstream Invert	871.50	871.52	X	
Downstream Invert	869.00	869.35	X	
Length (feet)	41	42	X	
Slope (%)	.061	.051	X	
Secondary Outlet Pipe	(If Applicable)			Outlet Pipe Material
Opening Diameter (inches)				
Upstream Invert				
Downstream Invert				
Length (feet)				
Slope (%)				
Riser	(If Applicable)			Riser Material
Opening Diameter (inches)	N/A	N/A		Structure located on top of berm Riser opening is not a flow control device.
Elevation	878.00	877.85	X	
Upper Discharge Control	(If Applicable)			
Opening Diameter (inches)	9"	9"	X	
Elevation	873.50	873.35	X	

Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)	5 "	5 "	X			
Elevation	871.50	871.35	X			
Other (Description)						
Opening Type and Size (inches)						
Elevation						
Emergency Spillway						
Elevation	876.00	876.25	X			
Length of spillway (feet)	15 '	15 '	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)	871.50	871.50	X			
Design High Water Elevation	875.78	875.70	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.60	0.60	X			
Area at Design High Water Elevation (Ac)	0.87	0.84	X			
Active Storage Available (Ac-Ft)*	3.11	3.01	X			
Lowest Elevation at Top of Embankment (If Applicable)	878.00	877.73	X			
Average Elevation at Top of Embankment (If Applicable)	878.0	878.0	X			
Maximum Bottom Elevation	866.0	865.0	X			
Average Pond Bottom Elevation	866.0	865.1	X			
Pond Bottom Area (Ac)	0.24	0.20	X			
Maximum Pond Depth	5.5 '	6.8 '	X			
Average Pond Depth	5.5 '	6.6 '	X			
Average Permanent Pool Depth (Wet Ponds)		3.5 '	X			

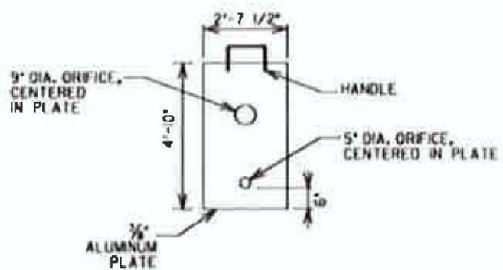
*To Determine Active Storage $V = H/3(A1 + A2 + (A1 \times A2)^{1/2})$

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



SECTION B-B



ALUMINUM PLATE

OUTLET STRUCTURE

N.T.S.



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

Inspection Firm: Quam Engineering LLC.

Phone Number: (262)338-6641

Address: 544 S. Main St. Suite B

West Bend, WI 53095

Inspector Name : Jonathan Worden

Inspection Date: 7/29/15

Certifying Professional

Name: Kevin Parish P.E.

Phone Number: (262)338-6641



Date:
8/3/15

Signature:

10-3-2012