



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 NW 1/4 Name of Business/Subdivision Bungalows of Menomonee Falls
Property Tax ID Number MNFV0102.997.003 Address of Property North of Bobolink & east of Pilgrim Rd
Date 07-16-18

Dry Pond	
Wet Pond	x
Other	

Location of Pond North of Condo's with in the bungalows located on Bobolink

Pond ID: SWP26S006

Year Pond Constructed 2008 Year of Last Certification 2013

Compliance Verification	Design	Actual	Compliant Yes No	Comments (Condition of Structure)
Primary Outlet Pipe				Outlet Pipe Material
Opening Diameter (inches)	12	12	x	RCP in good condition
Upstream Invert	817.50	817.14	x	
Downstream Invert	815.5	816.33	x	
Length (feet)	392	82	x	
Slope (%)	0.51	0.98	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)	36	36	x	Concrete mh on good condition, inlets are in good shape
Elevation	819.50	819.68	x	
Upper Discharge Control	(If Applicable)			
Opening Diameter (inches)	3	2.5	x	
Elevation	818.50	818.18	x	

Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)	2	2.5	x			
Elevation	817.5	817.14	x			
Other (Description)						
Opening Type and Size (inches)						
Elevation						
Emergency Spillway						
Elevation	820.0	820.0	x			
Length of spillway (feet)	8	8	x			
Embankment	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation	x		Woody vegetation and cattails need to be removed and bottom of bond should be excavated 1' to get back to design grade. Note minimal water in pond but no signs of animal burrow or cracking could be from lack of rain			
Animal burrows or slope erosion		x				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1	12" HDPE		SW corner of pond		Rip-Rap needs to be replenished	
Outfall 2	15" HDPE		South and Center		Rip-Rap needs to be replenished	
Outfall 3	12" HDPE		SE corner of basin		Good grass established	
Storage Properties	Design	Actual	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	817.5	817.14	x			gps
Design High Water Elevation	819.5	819.68	x			
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.16	0.12	x			
Area at Design High Water Elevation (Ac)	0.322	0.24	x			
Active Storage Available (Ac-Ft)*	0.34	0.45	x			
Lowest Elevation at Top of Embankment (If Applicable)	820.0	820.0	x			
Average Elevation at Top of Embankment (If Applicable)	822.0	822.0	x			
Maximum Bottom Elevation	812.5	813.71	x			
Average Pond Bottom Elevation	812.5	813.75	x			
Pond Bottom Area (Ac)	0.05	0.03	x			
Maximum Pond Depth	7.5	6.29	x			
Average Pond Depth	7.5	6.25	x			
Average Permanent Pool Depth (Wet Ponds)	5.0	3.39	x			

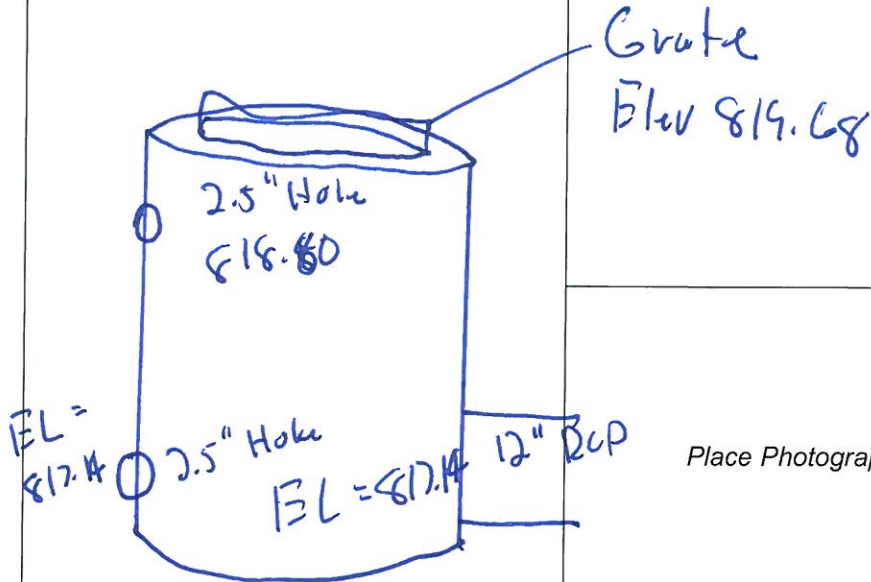
*To Determine Active Storage $V = H/3(A1 + A2 + (A1 \times A2)^{1/2})$

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



Place Photograph of Pond or Attach to Document

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

Inspection Firm:

Phone Number:

Address:

Lake County Engineers
262-569-9331
P.O. Box 144
Oconomowoc WI
53066

Inspector Name :

Inspection Date:

Rob Davy
7-16-18

Certifying Professional
Name:

Phone Number:

Rob Davy
262-569-9331

Date:

Signature:

7-18-18

[Signature]

