



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  
Property Tax ID Number  
Date 07-16-18

NW 1/4  
MNFV0102.  
997.003

Name of Business/Subdivision  
Address of Property

Bungalows of Menomonee Falls  
North of Bobolink & east of Pilgrim Rd

Dry Pond	
Wet Pond	x
Other	

Pond ID: SWP26S006

Location of  
Pond

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

Year Pond  
Constructed

2008

Year of Last  
Certification

2013

Compliance Verification		Design	Actual	Compliant Yes	No	Comments ( Condition of Structure)
<b>Primary Outlet Pipe</b>					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			
<b>Secondary Outlet Pipe</b>		(If Applicable)			Outlet Pipe Material	
Opening Diameter (inches)						
Upstream Invert						
Downstream Invert						
Length (feet)						
Slope (%)						
<b>Riser</b>		(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			
<b>Upper Discharge Control</b>		(If Applicable)				
Opening Diameter (inches)	3	2.5	x			
Elevation	818.50	818.18	x			

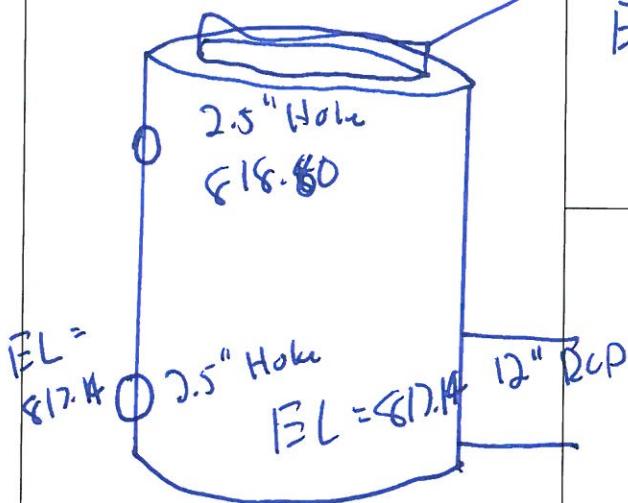
Compliance Verification	Design	Actual	Compliant Yes No		Comments	
<b>Lower Discharge Control</b>	(If Applicable)					
Opening Diameter (inches)	2	2.5	x			
Elevation	817.5	817.14	x			
<b>Other (Description)</b>						
Opening Type and Size (inches)						
Elevation						
<b>Emergency Spillway</b>						
Elevation	820.0	820.0	x			
Length of spillway (feet)	8	8	x			
<b>Embankment</b>	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				
<b>Storm Sewer Outfalls</b>	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	
<b>Storage Properties</b>	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  $H = \text{Height of Section}$ ,  $A1 = \text{area at normal water elevation}$ ,  $A2 = \text{area at top section}$

Dry Ponds Use  $H = \text{Height of Section}$ ,  $A1 = \text{pond bottom area}$ ,  $A2 = \text{area at top section}$

Sketch Outlet or Attach to Document



Place Photograph of Pond or Attach to Document

Grate  
Elv 819.68

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 Country 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:

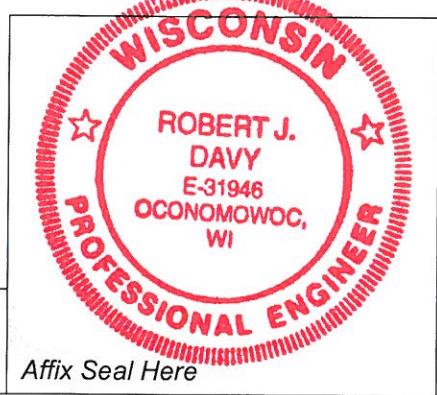
Rob Davy  
262-569-9331

Date:

Signature:

7-18-18

UJ



10-3-2012



