



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

SE 1/4  
0096084 Name of Business/Subdivision  
Address of Property  
Lilly Creek Highlands II

Dry Pond		Location of Pond	Out lot #4
Wet Pond	x		Pond #3
Other		Pond ID:	SWP24S003

Year Pond Constructed 2002 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)	24	24	x			RCP in good shape
Upstream Invert	760.0	759.82	x			
Downstream Invert	758.25	758.10	x			
Length (feet)	252	307	x			
Slope (%)	0.50	0.56	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				CMP in good shape
Elevation	762.0	762.75				
<b>Upper Discharge Control</b>		(If Applicable)				
Opening Diameter (inches)						
Elevation						

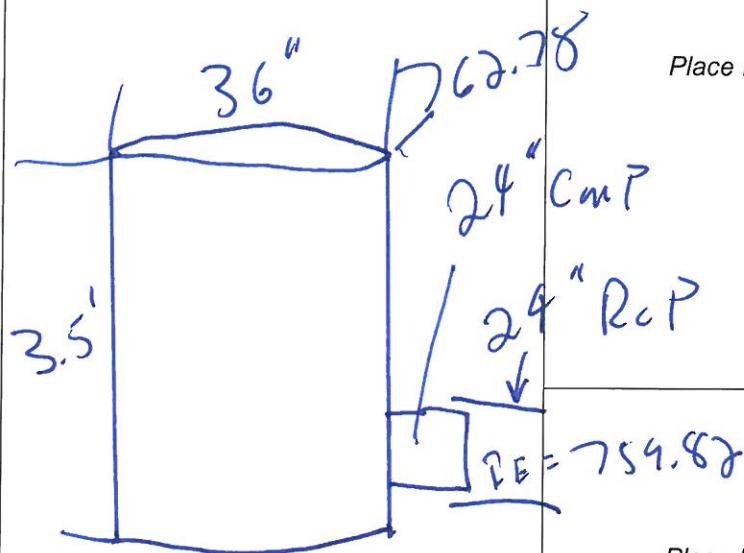
Compliance Verification	Design	Actual	Compliant Yes      No	Comments	
<b>Lower Discharge Control</b>	(If Applicable)				
Opening Diameter (inches)					
Elevation					
<b>Other (Description)</b>					
Opening Type and Size (inches)					
Elevation					
<b>Emergency Spillway</b>					
Elevation	na	na			Low point in grass = 769.94
Length of spillway (feet)	na	na			
<b>Embankment</b>	Present Yes      no		Comments/Maintenance Requirements		
Unauthorized Plantings, trees, or woody vegetation	x		Most of the woody vegetation has been removed but cattails have overtaken the safety shelf. Does not appear to impede the function of the basin		
Animal burrows or slope erosion	x				
<b>Storm Sewer Outfalls</b>	Type & Size		Location		Comments
Outfall 1	24" RCP		NW corner of out lot		Good shape
Outfall 2	21" RCP		North end of out lot		Good Shape
Outfall 3 Outfall 4 Outfall 5	24" RCP 21" RCP 12" RCP		NE corner of outlot Between lots 62 & 63 SE corner of outlot		Good shape Good shape Good shape
<b>Storage Properties</b>	Design	Actual	Compliant Yes      No	Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	760.0	759.82	x		gps
Design High Water Elevation	770.0	770.0	x		
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.42	0.36	x		
Area at Design High Water Elevation (Ac)	1.0	0.95	x		
Active Storage Available (Ac-Ft)*	6.96	6.7	x		
Lowest Elevation at Top of Embankment (If Applicable)	769.5	769.94	x		
Average Elevation at Top of Embankment (If Applicable)	769.5	770+	x		
Maximum Bottom Elevation	756.0	757.42		x	
Average Pond Bottom Elevation	756.0	757.62		x	
Pond Bottom Area (Ac)	0.18	0.11		x	
Maximum Pond Depth	14.0	12.58		x	
Average Pond Depth	14.0	12.38		x	
Average Permanent Pool Depth (Wet Ponds)	4.0	2.2		x	

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

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: Lake Country Engineering  
Phone Number: 262-569-9331  
Address: P.O. Box 144  
Oconomowoc WI 53066

Inspector Name: Rob Davy  
Inspection Date: 07-16-18

Certifying Professional Robert Davy

Name:

Phone Number: 262-569-9331

Date:

7-17-18

Signature:



Affix Seal Here

