



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 _____

SE1/4 S 24

Name of Business/Subdivision _____
Address of Property _____

LILLY CREEK HIGHLANDS IV

Dry Pond		Location of Pond	OUTLOT 10
Wet Pond			
Other		Pond ID: SWP 24s005 Pond 3	

Year Pond Constructed 2006

Year of Last Certification 2011

Compliance Verification	Design	Actual	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	12"	12"	x		RCP
Upstream Invert	778.00	778.00	x		
Downstream Invert	777.70	777.90	x		
Length (feet)	133	134	x		
Slope (%)	0.23%	0.07%	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)	24"x36"	24"x36"	x		CONCRETE
Elevation	781.90	782.00	x		
Upper Discharge Control	(If Applicable)				
Opening Diameter (inches)					
Elevation					

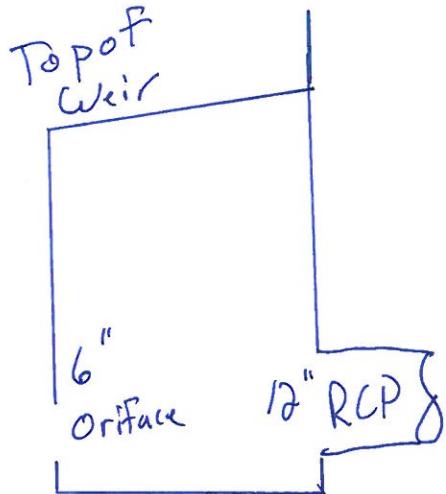
Compliance Verification	Design	Actual	Compliant Yes No	Comments				
Lower Discharge Control	(If Applicable)							
Opening Diameter (inches)								
Elevation								
Other (Description)								
Opening Type and Size (inches)	4.5"	6"	X					
Elevation	778.00	778.00	X					
Emergency Spillway								
Elevation	781.75	780.9	X					
Length of spillway (feet)	10'	8'	X					
Embankment	Present Yes no		Comments/Maintenance Requirements					
Unauthorized Plantings, trees, or woody vegetation	X		WILLOW BUSH AT NORTH END OF POND					
Animal burrows or slope erosion		X						
Storm Sewer Outfalls	Type & Size		Location		Comments			
Outfall 1	6" Oriface		In structure					
Outfall 2	8' wide weir		North east side of bmp		Grass is growing in it but looks like it functioning			
Outfall 3	2x3 concrete box		SE corner of bmp					
Storage Properties	Design	Actual	Compliant Yes No	Not Applicable	Equipment Used			
Normal Water Elevation (Wet Ponds)	778.0	778.00	X		GPS			
Design High Water Elevation	782.0	782.0	X					
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.085	0.088	X					
Area at Design High Water Elevation (Ac)	0.16	0.18	X					
Active Storage Available (Ac-Ft)*	0.51	0.52	x					
Lowest Elevation at Top of Embankment (If Applicable)	783.0	782.20	x					
Average Elevation at Top of Embankment (If Applicable)	783.0	782.32	x					
Maximum Bottom Elevation	773.0	773.4	x					
Average Pond Bottom Elevation	773.0	773.2	x					
Pond Bottom Area (Ac)	0.01	0.014	x					
Maximum Pond Depth	10.0	10.1	x		Level rod			
Average Pond Depth	10.0	9.9	x					
Average Permanent Pool Depth (Wet Ponds)	5.0	4.9	x					

*To Determine Active Storage $V=(H/3)(A_1+A_2+(\sqrt{A_1A_2}))$

Wet Ponds Use $H = \text{Height of Section}$, $A_1 = \text{area at normal water elevation}$, $A_2 = \text{area at top section}$

Dry Ponds Use $H = \text{Height of Section}$, $A_1 = \text{pond bottom area}$, $A_2 = \text{area at top section}$

Sketch Outlet or Attach to Document



Place Photograph of Pond or Attach to Document

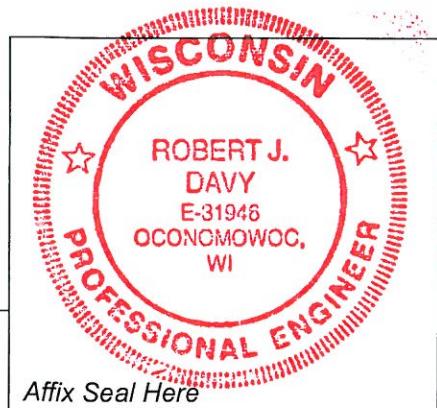
Attach As-built Survey to the Document for the first report submission

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

Inspector Name: Rob Davy
Inspection Date: 06-15-21

Certifying Professional Rob Davy
Name: _____
Phone Number: 262-569-9331

Date: 6-15-21 Signature: RD



10-3-2012