



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 SE1/4 S 24 Name of Business/Subdivision LILLY CREEK HIGHLANDS IV
Property Tax ID Number _____ Address of Property _____
Date _____

Dry Pond	
Wet Pond	
Other	

Location of Pond OUTLOT 10

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					

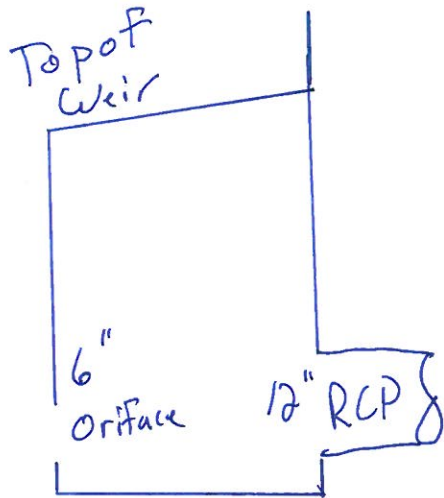
Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)						
Elevation						
Other (Description)						
Opening Type and Size (inches)	4.5"	6"	X			
Elevation	778.00	778.00	X			
Emergency Spillway						
Elevation	781.75	780.9	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			Level rod
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			
Average Pond Depth	10.0	9.9	x			
Average Permanent Pool Depth (Wet Ponds)	5.0	4.9	x			

*To Determine Active Storage $V = (H/3)(A1 + A2 + (\sqrt{A1 \cdot A2}))$

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



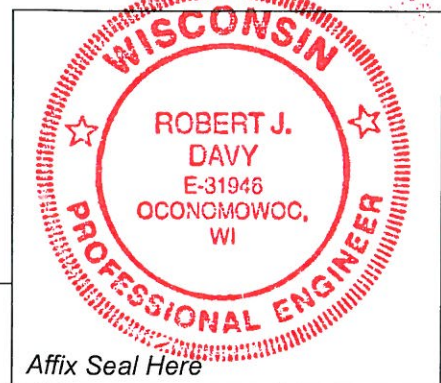
Place Photograph of Pond or Attach to Document

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 Name: Rob Davy
Phone Number: 262-569-9331



Date: 6-15-21

Signature: [Handwritten Signature]