



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 SE ¼ SEC. 24 Name of Business/Subdivision Lilly Creek Highlands IV
Property Tax ID Number 0096131 Address of Property _____
Date: 7-26-2016 _____

Dry Pond	X
Wet Pond	
Other	

Pond ID: Pond 4

Location of Pond Outlot 9

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 = RCP
Opening Diameter (inches)	12"	12"	X		
Upstream Invert	776.19	775.85	X		
Downstream Invert	775.24	775.18	X		
Length (feet)	24	24	X		
Slope (%)	.0104'/',	0.0279'/',	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		
Elevation	777.30	777.15	X		
Upper Discharge Control	(If Applicable)				
Opening Diameter (inches)					
Elevation					

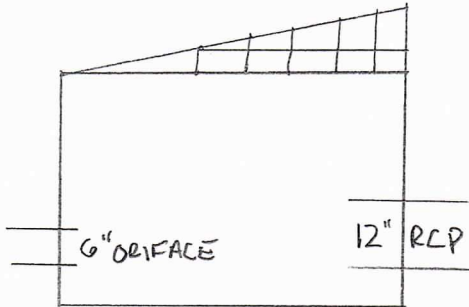
Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)						
Elevation						
Other (Description)						
Opening Type and Size (inches)	3.3"	6"	X			
Elevation	776.0	775.85	X			
Emergency Spillway						
Elevation	777.25	777.00	X			
Length of spillway (feet)	10'	10'	X			
Embankment	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation		X	Dirt and sod dumped along southwest edge of embankment and bottom of pond			
Animal burrows or slope erosion		X				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1						
Outfall 2						
Outfall 3						
Storage Properties	Design	Actual	Compliant Yes No		Points	Equipment Used
Normal Water Elevation (Wet Ponds)						
Design High Water Elevation	778.0	778.0	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)						
Area at Design High Water Elevation (Ac)	0.07 AC.	0.07 AC.	X			
Active Storage Available (Ac-Ft)*	0.09	0.09	X			
Lowest Elevation at Top of Embankment (If Applicable)	778.0	778.1	X			
Average Elevation at Top of Embankment (If Applicable)	778.0	778.2	X			
Maximum Bottom Elevation	776.0	776.1	X			
Average Pond Bottom Elevation	776.0	775.9	X			
Pond Bottom Area (Ac)	0.03 AC.	0.03 AC.	X			
Maximum Pond Depth						
Average Pond Depth						
Average Permanent Pool Depth (Wet Ponds)						

*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



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

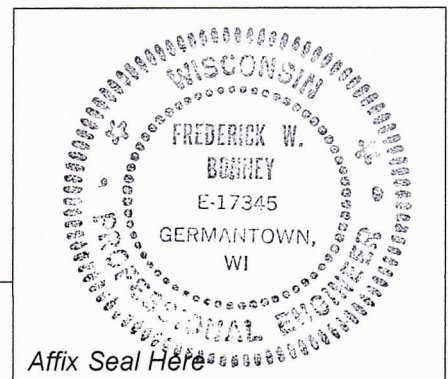
Inspection Firm: Land Tech Surveying
Phone Number: 262-367-7599
Address: PO Box 15
Hartland, WI 53029

Inspector Name : John Downing
Inspection Date: 7-25-2016

Certifying Professional
Name: Frederick Bonney
Phone Number: 262-255-5845

Date: 7-25-2016

Signature: Frederick Bonney



10-3-2012