



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 0096133 Address of Property _____
Date: 7-26-2016 _____

Dry Pond	X
Wet Pond	
Other	

Pond ID: Pond 1

Location of Pond Outlot 11

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)	15"	15"	X		
Upstream Invert	777.0	776.25	X		
Downstream Invert	775.50	774.96	X		
Length (feet)	184	168	X		
Slope (%)	.00082'/,	0.0077'/,	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	782.5	781.3	X		
Upper Discharge Control	(If Applicable)				
Opening Diameter (inches)					
Elevation					

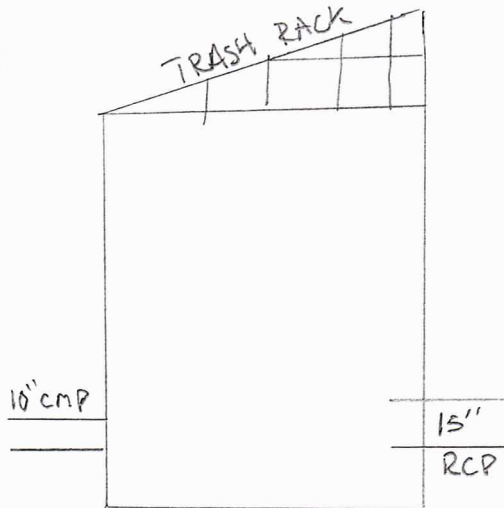
Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)						
Elevation						
Other (Description)						
Opening Type and Size (inches)	10" CMP	10" CMP				
Elevation	777.0	776.25	X			
Emergency Spillway						
Elevation	785.1	785.1	X			
Length of spillway (feet)	15'	15'	X			
Embankment	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation		X	Erosion in upper part of Northeast corner of pond Erosion by storm pipe near Southeast corner 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	786.0	786.0	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)						
Area at Design High Water Elevation (Ac)	0.38 AC.	0.38 AC.	X			
Active Storage Available (Ac-Ft)*	1.6	1.63	X			
Lowest Elevation at Top of Embankment (If Applicable)						
Average Elevation at Top of Embankment (If Applicable)						
Maximum Bottom Elevation	777.0	776.6	X			
Average Pond Bottom Elevation	777.0	776.5	X			
Pond Bottom Area (Ac)	0.05 AC.	0.05 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



NTS



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

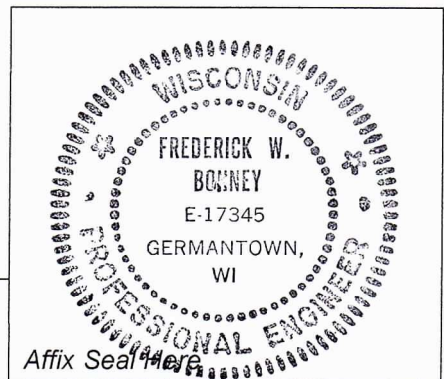
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Inspection Firm: Land Tech Surveying
Phone Number: 262-367-7599
Address: PO Box 15
Hartland, WI 53029

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