



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	
Wet Pond	X
Other	

Location of Pond Outlot 10
Pond ID: 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 = RCP
Opening Diameter (inches)	12"	12"	X		
Upstream Invert	778.0	778.09	X		
Downstream Invert	777.7	777.98	X		
Length (feet)	133	134	X		
Slope (%)	.0023'/,	0.0010'/,	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	781.9	782.0	X		
Upper Discharge Control	(If Applicable)				
Opening Diameter (inches)					
Elevation					

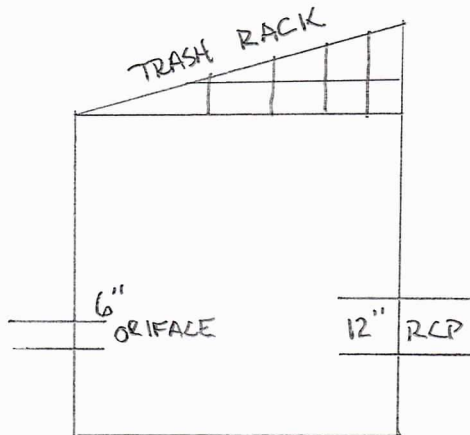
Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)						
Elevation						
Other (Description)						
Opening Type and Size (inches)	4.5"	6"	X			
Elevation	778.0	778.09	X			
Emergency Spillway						
Elevation	781.75	781.7	X			
Length of spillway (feet)	10'	20'	X			
Embankment	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation	X		Willow trees near outfall pipe and all 3 corners along south line.			
Animal burrows or slope erosion		X				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1	15" RCP		South corner of pond		Cleanout outfall-full of debris	
Outfall 2						
Outfall 3						
Storage Properties	Design	Actual	Compliant Yes No		Points	Equipment Used
Normal Water Elevation (Wet Ponds)	778.0	778.09	X			
Design High Water Elevation	782.0	782.0	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.09 AC.	0.09 AC.	X			
Area at Design High Water Elevation (Ac)	0.16 AC.	0.16 AC.	X			
Active Storage Available (Ac-Ft)*	0.51	0.50	X			
Lowest Elevation at Top of Embankment (If Applicable)	782.0	782.1	X			
Average Elevation at Top of Embankment (If Applicable)	782.0	782.2	X			
Maximum Bottom Elevation	773.0	773.3	X			
Average Pond Bottom Elevation	773.0	773.1	X			
Pond Bottom Area (Ac)	0.01 AC.	0.01 AC.	X			
Maximum Pond Depth	5.0	5.2	X			
Average Pond Depth						
Average Permanent Pool Depth (Wet Ponds)	5.0	5.0	X			

*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

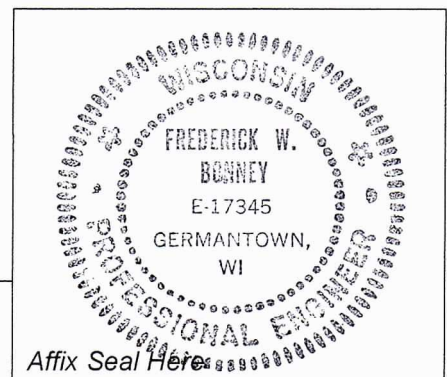
Inspection Firm: Land Tech Surveying
Phone Number: 262-367-7599
Address: PO Box 15
Hartland, WI 53029

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