



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 III
Property Tax ID Number 0096120 Address of Property W132N6597 West View Drive
Date 5/23/14

Dry Pond	X
Wet Pond	
Other	

Pond ID: SWP 24s004

Location of Pond Outlot 7

Year Pond Constructed 2004 Year of Last Certification 2009

Compliance Verification	Design	Actual	Compliant Yes No		Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	21"	21"	X		RCP – As new condition
Upstream Invert	758.0	757.85	X		
Downstream Invert	757.65	757.49	X		
Length (feet)	47	42	X		
Slope (%)	.0074'/,	.0086'/,	X		
Secondary Outlet Pipe	(If Applicable)				Outlet Pipe Material
Opening Diameter (inches)	N/A				
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
Riser	(If Applicable)				Riser Material
Opening Diameter (inches)		36"	X		Metal – As new condition
Elevation		760.68	X		
Upper Discharge Control	(If Applicable)				
Opening Diameter (inches)	N/A				
Elevation					

Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)	N/A					
Elevation						
Other (Description)						
Opening Type and Size (inches)	N/A					
Elevation						
Emergency Spillway						
Elevation	765.0	765.0	X			
Length of spillway (feet)	10	10	X			
Embankment	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation	X		Woody vegetation on slopes on East and West sides of pond			
Animal burrows or slope erosion		X				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1	24" RCP		West end		Clean and clear	
Outfall 2	15" RCP		West end		Clean and clear	
Outfall 3						
Storage Properties	Design	Actual	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)					X	Total Station
Design High Water Elevation	766.0	766.0	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)					X	
Area at Design High Water Elevation (Ac)	0.30 Ac	0.30 Ac	X			
Active Storage Available (Ac-Ft)*	1.48 Ac	1.50 Ac	X			
Lowest Elevation at Top of Embankment (If Applicable)	766.0	766.0	X			
Average Elevation at Top of Embankment (If Applicable)	766.0	766.0	X			
Maximum Bottom Elevation	758.0	757.5	X			
Average Pond Bottom Elevation	758.0	757.8	X			
Pond Bottom Area (Ac)	0.08 Ac	0.08 Ac	X			
Maximum Pond Depth	8.0	8.5	X			
Average Pond Depth	8.0	8.2	X			
Average Permanent Pool Depth (Wet Ponds)					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

760.68

757.85



STORM STRUCTURE



STORM OUTLET

POND VIEW - LOOKING EAST



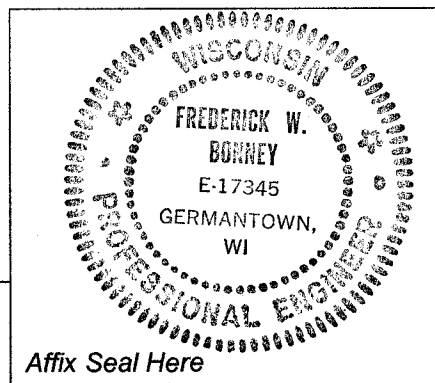
WOODY VEGETATION - WEST END OF POND

Inspection Firm: Land Tech Surveying LLC
Phone Number: 262-367-7599
Address: P.O. Box 15
Hartland, WI 53029

Inspector Name : John D. Downing
Inspection Date: 5/23/14

Certifying Professional
Name:
Phone Number:

FREDERICK BONNEY
262-255-3845



Date:

6-11-2014

Signature:

Frederick Bonney

10-3-2012