



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 - 24 Name of Business/Subdivision Lilly Creek Highlands V/VI
 Property Tax ID Number TBD Address of Property Daylilly Drive & Northfield Drive
 Date _____ Pond 2

Dry Pond	X
Wet Pond	
Other	

Location of Pond OUTLOT 12

Pond ID: SWP24S020

Year Pond Constructed 2017 Year of Last Certification N/A

Compliance Verification	Design	Actual	Compliant Yes No	Comments (Condition of Structure)
Primary Outlet Pipe				Outlet Pipe Material
Opening Diameter (inches)	18"	18"	X	RCP
Upstream Invert	800.00	800.00	X	
Downstream Invert	799.00	790.00	X	
Length (feet)	62	73	X	
Slope (%)	1.4	1.38	X	
Secondary Outlet Pipe	(If Applicable)			Outlet Pipe Material
Opening Diameter (inches)				None
Upstream Invert				
Downstream Invert				
Length (feet)				
Slope (%)				
Riser	(If Applicable)			Riser Material
Opening Diameter (inches)	36	36	X	In-line Outlet Control Structure
Rim Elevation	805.25	805.26	X	
Upper Discharge Control	(If Applicable)			High Flow Orifice
Opening Diameter (inches)	12	12	X	High Flow Orifice
Elevation	802.00	802.01	X	

Compliance Verification	Design	Actual	Compliant Yes	No	Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)	2.5	2.5	X		Low Flow Orifice	
Elevation	800.00	799.93	X			
Other (Description)						
Opening Type and Size (inches)					N/A	
Elevation						
Emergency Spillway						
Elevation	805.25	805.2	X			
Length of spillway (feet)	4	10	X			
Embankment	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation		X	Newly construction and vegetated.			
Animal burrows or slope erosion		X				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1	30" RCP		From West View Cir		New	
Outfall 2						
Outfall 3						
Storage Properties	Design	Actual	Compliant Yes	No	Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)					X	Robotic 1" Total Station (Sokkia iX 1001) Survey Completed: 08/21/17
Design High Water Elevation	805.00	804.57	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)					X	
Area at Design High Water Elevation (Ac)	0.428	0.431	X			
Active Storage Available (Ac-Ft)*	1.617	2.370	X			
Lowest Elevation at Top of Embankment (If Applicable)	805.25	805.25	X			
Average Elevation at Top of Embankment (If Applicable)	806.50	806.2	X			
Maximum Bottom Elevation					X	
Average Pond Bottom Elevation	800.00	799.8	X			
Pond Bottom Area (Ac)	0.226	0.251	X			
Maximum Pond Depth	5.25	5.25	X			
Average Pond Depth					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

See attached as-built plan.

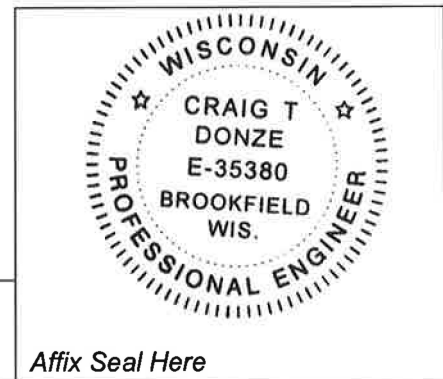


Attach As-built Survey to the Document for the first report submission

Inspection Firm: One Source Consulting
Phone Number: (262) 781-9005
Address: 19435 W. Capitol Drive
Suite L05
Brookfield, WI 53045

Inspector Name : Craig Donze, PE
Inspection Date: 02/02/18

Certifying Professional Name: Craig Donze, PE
Phone Number: (262) 781-9005
cdonze@onesourceconsult.com



Date:
02/02/18

Signature:

Affix Seal Here