



Rec. 824-17

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 NE 1/4 Name of Business/Subdivision Kohler Lane Self Storage
Sec 27
 Property Tax ID Number 0105-997-001 Address of Property N60 W16146 Kohler Lane
 Date: 08/10/17 Menomonee Falls, WI 53051
(262) 894-5495

Dry Pond	
Wet Pond	X
Other	

Location of Pond
Northeast corner of property

Pond ID: SWP27N001

Year Pond Constructed 2007 Year of Last Certification 2012

Compliance Verification	Design	Actual	Compliant		Comments (Condition of Structure)
			Yes	No	
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	12"	12"	X		PVC – Good Condition, No obstructions
Upstream Invert	830.00	830.41	X		
Downstream Invert	829.46	829.70	X		
Length (feet)	36'	36'	X		
Slope (%)	1.5%	1.5%	X		
Secondary Outlet Pipe (If Applicable)					Outlet Pipe Material
Opening Diameter (inches)					Not Applicable
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
Riser (If Applicable)					Riser Material
Opening Diameter (inches)	36"	36"	X		Concrete Riser & Rebar Grate – Good Condition
Elevation	832.55	833.06	X		
Upper Discharge Control (If Applicable)					Not Applicable
Opening Diameter (inches)					Not Applicable
Elevation					

Compliance Verification	Design	Actual	Compliant		Comments	
			Yes	No		
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)	2.75"	2.75"	X		Good Condition, No Obstructions	
Elevation	830.00	830.44	X			
Other (Description)						
Opening Type and Size (inches)					Not Applicable	
Elevation						
Emergency Spillway						
Elevation	833.80	834.0	X		Ground Elevation beneath Riprap	
Length of spillway (feet)	15'	10'	X			
Embankment	Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation		X				
Animal burrows or slope erosion		X				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1	15" PVC		SW Corner of Pond		Good Condition	
Outfall 2						
Outfall 3						
Storage Properties	Design	Actual	Compliant		Not Applicable	Equipment Used
			Yes	No		
Normal Water Elevation (Wet Ponds)	830.00	830.44	X			
Design High Water Elevation	833.75		X			
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.08	0.06	X			
Area at Design High Water Elevation (Ac)	0.18	0.12	X			
Active Storage Available (Ac-Ft)*	0.40	0.30	X			
Lowest Elevation at Top of Embankment (If Applicable)	834.00	834.0	X			
Average Elevation at Top of Embankment (If Applicable)						
Maximum Bottom Elevation	826.00	828.00	X			
Average Pond Bottom Elevation						
Pond Bottom Area (Ac)	0.02	0.003	X			
Maximum Pond Depth	4'	2.4'				
Average Pond Depth	4'	1.7'				
Average Permanent Pool Depth (Wet Ponds)	4'	2'	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

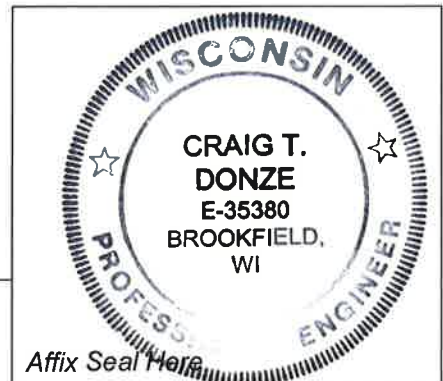
Sketch Outlet or Attach to Document



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

Inspection Firm: One Source Consulting Inspector Name : Craig Donze, PE
Phone Number: (262) 781-9005 Inspection Date: 07/20/2017
Address: 19435 W. Capitol Drive
Suite L05
Brookfield, WI 53045

Certifying Professional Craig Donze
Name:
Phone Number: (262) 781-9005



Date: 08/18/17

Signature: