



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	NE1/4 Sec 27	Name of Business/Subdivision	Kohler Lane Self Storage
Property Tax ID Number	0105-997-001	Address of Property	N60W16146 Kohler Lane Menomonee Falls, WI 53051

Dry Pond		Description: SWP27N001	Location Of Pond	Northeast corner of site
Wet Pond	X			
Other				

Year Pond Constructed 2007 Year of Last Certification 2017

Compliance Verification	Design	Actual	Compliant Yes	No	Comments (Condition of Structure)
<b>Primary Outlet Pipe</b>					
Opening Diameter (inches)	12"	12"	X		PVC - good operating condition
Upstream Invert	830.00	830.27	X		
Downstream Invert	829.46	829.66	X		
Length (feet)	36'	36'	X		
Slope (%)	1.5%	1.64%	X		
<b>Secondary Outlet Pipe</b>					
Opening Diameter (inches)					
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
<b>Riser</b>					
Opening Diameter (inches)	36"	36"	X		Concrete - good working condition
Elevation	832.55	833.00	X		
<b>Upper Discharge Control</b>					
Opening Diameter (inches)					
Elevation					

Compliance Verification	Design	Actual	Compliant Yes      No	Comments	
<b>Lower Discharge Control</b>	(If Applicable)				
Opening Diameter (inches)	3.5"	3.5"	X		
Elevation	830.00	830.27	X		
<b>Other (Description)</b>					
Opening Type and Size (inches)					
Elevation					
<b>Emergency Spillway</b>					
Elevation	833.80	834.73	X	EL at top of stones (833.85 at bottom of stones)	
Length of spillway (feet)	15'	18'	X		
<b>Embankment</b>	Present			Comments/Maintenance Requirements	
	Yes	no			
Unauthorized Plantings, trees, or woody vegetation	X			At north end, see pictures	
Animal burrows or slope erosion		X			
<b>Storm Sewer Outfalls</b>	Type & Size		Location	Comments	
Outfall 1	15" HDPE		Southwest corner	See pictures	
Outfall 2					
Outfall 3					
Storage Properties	Design	Actual	Compliant Yes      No	Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	830.00	830.04	X		Laser Level
Design High Water Elevation	833.75	833.84	X		
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.08	0.065	X		
Area at Design High Water Elevation (Ac)	0.18	0.14	X		
Active Storage Available (Ac-Ft)*	0.40	0.41	X		
Lowest Elevation at Top of Embankment (If Applicable)	834.00	835.90	X		
Average Elevation at Top of Embankment (If Applicable)	834.00	836.00	X		
Maximum Bottom Elevation	826.00	828.54		X	
Average Pond Bottom Elevation	826.00	828.12		X	
Pond Bottom Area (Ac)	.02	.009		X	
Maximum Pond Depth	4'	2.33'		X	
Average Pond Depth	4'	1.92'		X	
Average Permanent Pool Depth (Wet Ponds)	4'	1.92'		X	Average sediment accumulation is 2.08'

\*To Determine Active Storage  $V = ((H/3)(A1 + A2 + ((A1 + A2)^{(\frac{1}{2})})))$

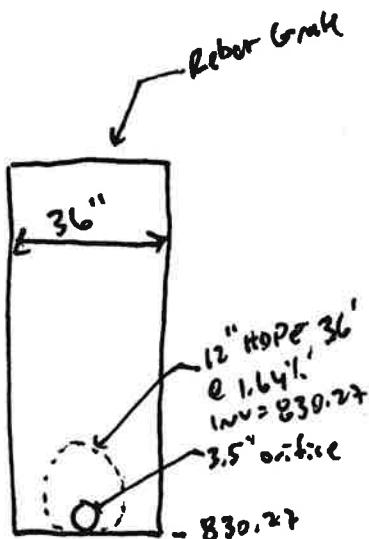
Wet Ponds Use  $H = \text{Height of Section}$ ,  $A1 = \text{area at normal water elevation}$ ,  $A2 = \text{area at top section}$

Dry Ponds Use  $H = \text{Height of Section}$ ,  $A1 = \text{pond bottom area}$ ,  $A2 = \text{area at top section}$

Sketch Outlet

Place Photograph of Pond

See attached photo report



Place Photograph of Pond

See attached photo report

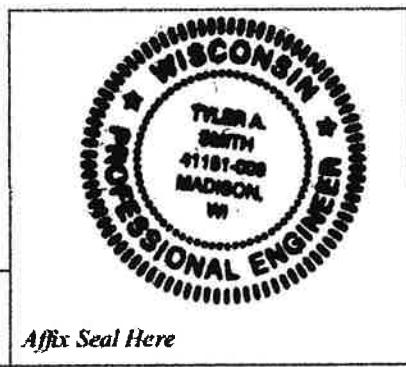
Inspection Firm: Drainage Doctor, LLC  
Phone Number: 608.535.9380  
Address: 416 W Red Pine Circle  
Dousman, WI 53118

Inspector Name: Tyler Smith, PE  
Inspection Date: 10/20/22

Certifying  
Professional Name: Tyler Smith  
Phone Number: 608.535.9380

Date: 11/06/2022

Signature: tyler



Affix Seal Here