



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	
Wet Pond	X
Other	

Location Of Pond

Description: SWP27N001

Northeast corner of site

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>					Outlet Pipe Material
Opening Diameter (inches)	12"	12"	X		PVC - good operating condition
Upstream Invert	830.00	830.27	X		
Downstream Invert	829.46	829.68	X		
Length (feet)	36'	36'	X		
Slope (%)	1.5%	1.64%	X		
<b>Secondary Outlet Pipe</b>	(If Applicable)				Outlet Pipe Material
Opening Diameter (inches)					
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
<b>Riser</b>	(If Applicable)				Riser Material
Opening Diameter (inches)	36"	36"	X		Concrete - good working condition
Elevation	832.55	833.00	X		
<b>Upper Discharge Control</b>	(If Applicable)				
Opening Diameter (inches)					
Elevation					

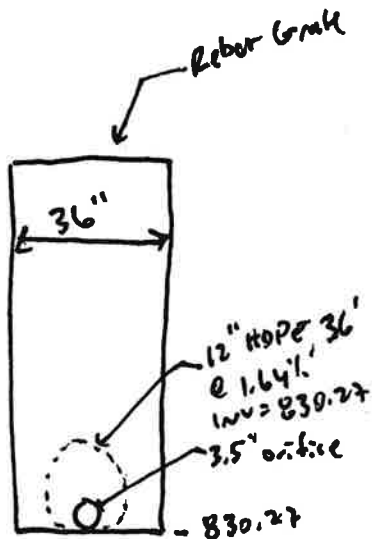
Compliance Verification	Design	Actual	Compliant Yes No	Comments	
<b>Lower Discharge Control</b>	(If Applicable)				
Opening Diameter (inches)	3.5"	3.5"	X		
Elevation	830.00	830.27	X		
<b>Other (Description)</b>					
Opening Type and Size (inches)					
Elevation					
<b>Emergency Spillway</b>					
Elevation	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 Yes no		Comments/Maintenance Requirements		
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					
<b>Storage Properties</b>	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	When stormwater pond has accumulated more than 12" of sediment below the permanent water level, then the sediment accumulation is required to be removed to return pond to its original design.
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  $V = ((H/3)(A1 + A2 + ((A1 + A2)^{1/2})))$

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



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: [Handwritten Signature]