

2003 file

10-11-2012



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 OF  
 SECTION 27

Name of Business/Subdivision

Kohler Lane Self Storage

Property Tax ID Number

MNFV0105.  
 997.001

Address of Property

N60 W16146 Kohler Lane

Date 10-11-12

Menomonee Falls, WI 53051

Dry Pond	
Wet Pond	X
Other	

Pond ID: SWP 27N001

Location of  
 PondNortheast corner of site and north  
 of storage unitsYear Pond  
 Constructed

2007

Year of Last  
 Certification

N/A

Compliance Verification	Design	Actual	Compliant Yes	Comments (Condition of Structure)
<b>Primary Outlet Pipe</b>				
Opening Diameter (inches)	12"	12"	X	
Upstream Invert	830.00	829.88	X	
Downstream Invert	829.46	829.46	X	PVC – Good Condition, Clear of Debris (see picture #2)
Length (feet)	36'	36'	X	
Slope (%)	1.50%	1.17%	X	
<b>Secondary Outlet Pipe</b> (If Applicable)				
Opening Diameter (inches)				
Upstream Invert				Not Applicable
Downstream Invert				
Length (feet)				
Slope (%)				
<b>Riser</b> (If Applicable)				
Opening Diameter (inches)	36"	36"	X	Concrete – Good Condition (see picture #2)
Elevation	832.55	832.52	X	
<b>Upper Discharge Control</b> (If Applicable)				
Opening Diameter (inches)				
Elevation				Not Applicable

Compliance Verification	Design	Actual	Compliant Yes      No	Comments				
<b>Lower Discharge Control</b>	<b>(If Applicable)</b>							
Opening Diameter (inches)	2 3/4"	2 3/4"	X	X	2 3/4" orifice in good condition and clear of debris			
Elevation	830.00	829.88	X					
<b>Other (Description)</b>								
Opening Type and Size (inches)				Not Applicable				
Elevation								
<b>Emergency Spillway</b>								
Elevation	833.80	834.30 833.30	X	Top of Rip Rap Bottom of Rip Rap				
Length of spillway (feet)	15'	10'						
<b>Embankment</b>	Present Yes      no		Comments/Maintenance Requirements					
Unauthorized Plantings, trees, or woody vegetation		X						
Animal burrows or slope erosion		X						
<b>Storm Sewer Outfalls</b>	Type & Size		Location		Comments			
Outfall 1	12" PVC		Southeast corner of pond		Good Condition, Clear of Debris			
Outfall 2	Not Applicable							
Outfall 3	Not Applicable							
Storage Properties	Design	Actual	Compliant Yes      No	Not Applicable	Equipment Used			
Normal Water Elevation (Wet Ponds)	830.00	830.00	X					
Design High Water Elevation	833.75	834.30	X					
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.08	0.07	X					
Area at Design High Water Elevation (Ac)	0.18	0.17	X					
Active Storage Available (Ac-Ft)*	0.40	0.36	X					
Lowest Elevation at Top of Embankment (If Applicable)	834.00	833.49	X					
Average Elevation at Top of Embankment (If Applicable)	834.00	836.00	X					
Maximum Bottom Elevation	826.00	826.10	X					
Average Pond Bottom Elevation	826.00	826.25	X					
Pond Bottom Area (Ac)	0.02	0.02	X					
Maximum Pond Depth	4 feet	9.1 feet	X					
Average Pond Depth	4 feet	3.6 feet	X					
Average Permanent Pool Depth (Wet Ponds)	830.00	829.88	X					

\*To Determine Active Storage  $V=H/3(A1+A2+(A1 \times A2)/2)$

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 or Attach to Document

Place Photograph of Pond or Attach to Document

SEE ATTACHED PHOTOS

Place Photograph of Pond or Attach to Document

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

Inspection Firm: Crispell-Snyder, Inc.  
Phone Number: (262) 250-8000  
Address: W175 N11081 Stonewood Dr.  
Germantown, WI 53022

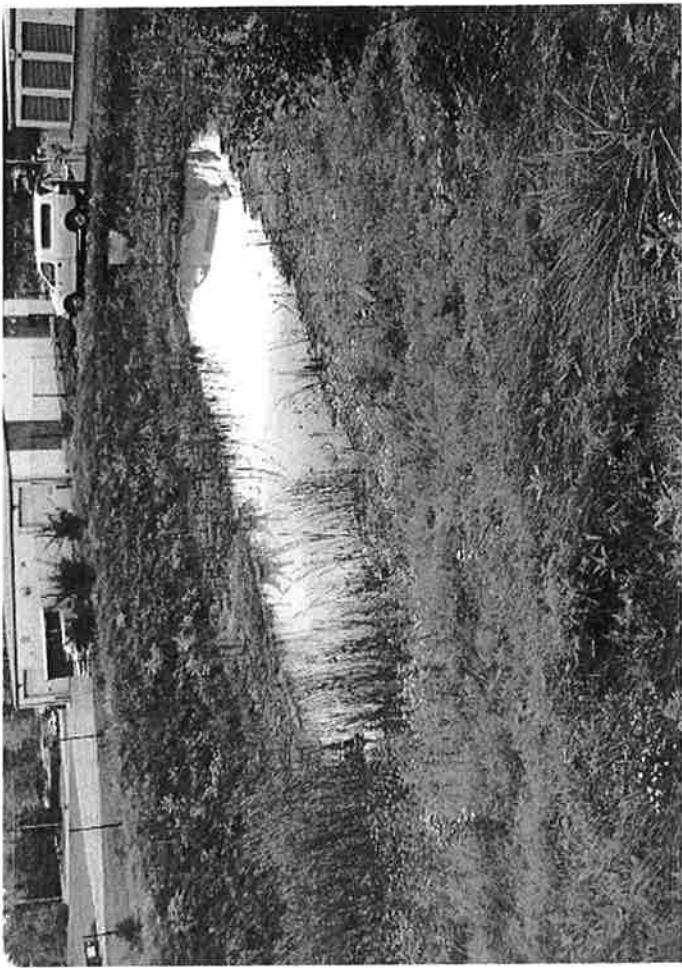
Inspector Name: Matt Garon  
Inspection Date: 10-11-12

Certifying Professional Matt Garon  
Name: \_\_\_\_\_  
Phone Number: (262) 250-8000



Date:	Signature:
<u>10-11-12</u>	<u>Matt Garon</u>

Affix Seal Here



Picture #6 - Pond looking South



Picture #8 - Pond looking East



Picture #5 - Pond looking North

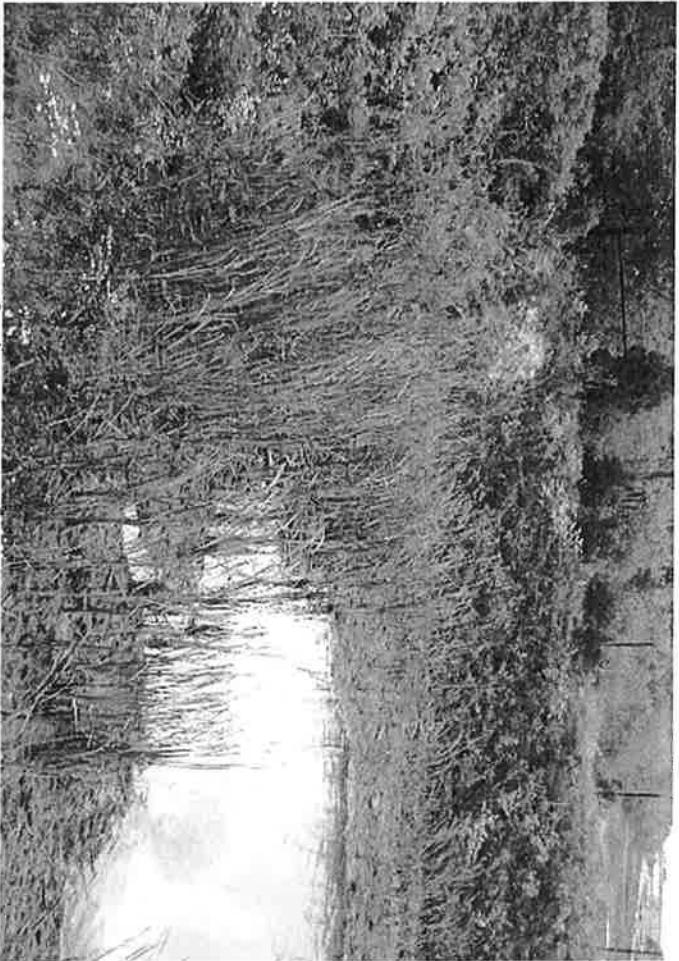


Picture #7 - Pond looking North

Picture #3 - Pond looking to South



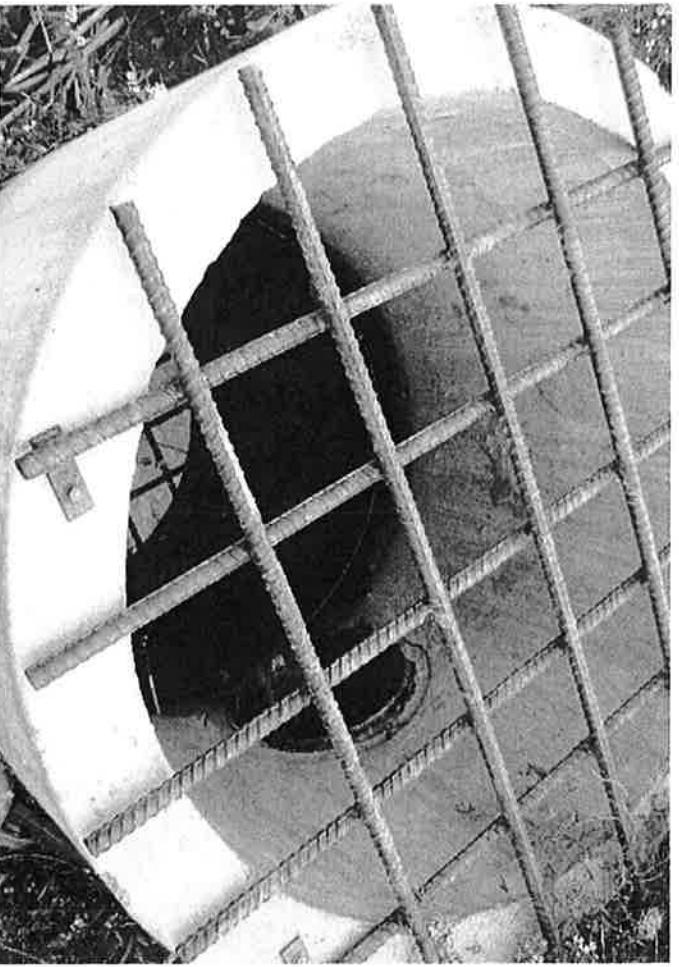
Picture #1 - Pond with spillway



Picture #4 - Inlet Pipe



Picture #2 - Riser structure with outlet



Rec 10/15/12



October 11, 2012

Village of Menomonee Falls  
Engineering Department  
W156N8480 Pilgrim Road  
Menomonee Falls WI 53051

Attn: Nancy Greifenhagen

RE: Kohler Lane Self Storage Pond Inspections  
Five Year Maintenance Agreement

Dear Nancy:

On behalf of Arnold Gross, the owner of Kohler Lane Self Storage, we have completed the pond inspection for the above referenced development with Pond ID SWP 27N001. The Kohler Lane Self Storage site has one storm water management pond that was part of the original approved preliminary design from 2006. As part of the maintenance agreement with the Village the pond is subject to a 5-year inspection. The Storm Water Management Facilities Operation and Inspection Report with pictures of the pond are attached for Village review.

If you have any questions or require additional information, please do not hesitate to contact our Germantown office.

Sincerely,

CRISPELL-SNYDER, INC.

A handwritten signature in black ink that reads 'Matthew J. Garon'.

Matthew J. Garon, P.E.  
Sr. Project Engineer

Cc: Arnold Gross

**Lake Geneva**  
700 Geneva Pkwy.  
P.O. Box 550  
Lake Geneva, WI 53147  
262.348.5600  
FAX 262.348.9979

**Milwaukee Regional**  
W175 N11081 Stonewood Dr.  
Suite 103  
Germantown, WI 53022  
262.250.8000  
FAX 262.250.8011

**Madison**  
5315 Wall Street  
Suite 165  
Madison, WI 53718  
608.244.6277

**Racine**  
6011 Durand Ave.  
Suite 500  
Racine, WI 53406  
262.554.8530  
FAX 262.554.1503

**Fox Valley**  
P.O. Box 10  
Bear Creek, WI 54922  
715.752.4620  
FAX 715.752.4595