



2006 file

Village of Menomonee Falls  
W156 N8480 Pilgrim Road  
Menomonee Falls, WI 53051-3140  
Telephone: (262) 532-4200

9-15-2011

## STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section SW ¼ Sec 23 Name of Business/Subdivision Little League Complex  
Property Tax ID Number 0091.999 Address of Property Adjacent to Mill Road

Dry Pond	X
Wet Pond	
Other	

Description: SWP 23S 001 Location Of Pond Pond #001, See Attached map for location.

Year Pond Constructed \_\_\_\_\_ Year of Last Certification \_\_\_\_\_

Compliance Verification	Design	Actual	Compliant Yes No	Comments ( Condition of Structure)
<b>Primary Outlet Pipe</b>				<b>Outlet Pipe Material – HDPE</b>
Opening Diameter (inches)	12"	12'	Yes	Pictures #7 & #8 – debris at bottom
Upstream Invert	811.00	811.64	Yes	Downstream outlet – picture #9 - good
Downstream Invert	810.30	811.04	Yes	
Length (feet)	140'	136'	Yes	
Slope (%)	0.50%	0.44%	Yes	
<b>Secondary Outlet Pipe</b>	(If Applicable) N/A			<b>Outlet Pipe Material</b>
Opening Diameter (inches)				
Upstream Invert				
Downstream Invert				
Length (feet)				
Slope (%)				
<b>Riser</b>	(If Applicable)			<b>Riser Material – Concrete</b>
Opening Diameter (inches)	24" x 36"	24" x 36"		Outlet structure inside – picture #8 – debris at bottom
Elevation	817.00	819.03		Outlet structure top – picture #7
<b>Upper Discharge Control</b>	(If Applicable)			<b>Pipe Material – Corrugated Plastic</b>
Opening Diameter (inches)	6"	6"		Picture #8
Elevation	817.00	816.02		

Compliance Verification		Design	Actual	Compliant Yes No		Comments	
<b>Lower Discharge Control</b>		(If Applicable) N/A					
Opening Diameter (inches)							
Elevation							
<b>Other (Description)</b>		Inlet Pipe material - HDPE					
Opening Type and Size (inches)		12"	12"			Picture #10 – good	
Elevation		817.00	817.33				
<b>Emergency Spillway</b>							
Elevation		818.80	818.13	Yes		Picture #6 – riprap becoming overgrown	
Length of spillway (feet)				Yes			
<b>Embankment</b>		Present Yes no		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation			No				
Animal burrows or slope erosion			No				
<b>Storm Sewer Outfalls</b>		Type & Size		Location		Comments	
Outfall 1							
Outfall 2							
Outfall 3							
<b>Storage Properties</b>		Design	Actual	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)							
Design High Water Elevation							
Area at Normal Water Elevation (Ac) (Wet Ponds)							
Area at Design High Water Elevation (Ac)							
Active Storage Available (Ac-Ft)*							
Lowest Elevation at Top of Embankment (If Applicable)							
Average Elevation at Top of Embankment (If Applicable)		820.50	820.52	Yes			
Maximum Bottom Elevation							
Average Pond Bottom Elevation		816.00	815.94	Yes			
Pond Bottom Area (Ac)							
Maximum Pond Depth		4.50'	4.58'	Yes			
Average Pond Depth							
Average Permanent Pool Depth (Wet Ponds)							

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

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

<i>Sketch Outlet</i>	<i>Place Photograph of Pond</i> See attached Photos
	<i>Place Photograph of Pond</i>

Inspection Firm:	<u>Crispell-Snyder, INC</u>	Inspector Name:	<u>Mitch Reimer</u>
Phone Number:	<u>262-250-8000</u>	Inspection Date:	<u>September 15, 2011</u>
Address:	<u>W175 N11081 Stonewood Dr</u> <u>Suite 103</u> <u>Germantown, WI 53022</u>		

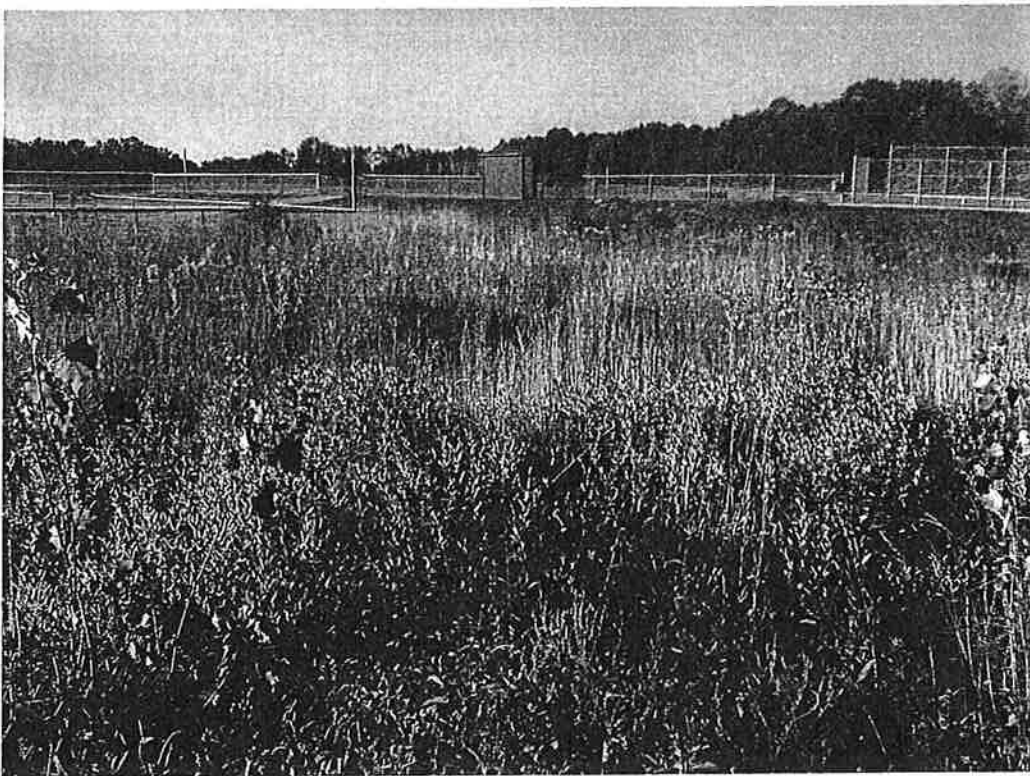
Certifying

Professional Name:	<u>Troy Hartjes</u>
Phone Number:	<u>262-250-8000</u>

<i>Date:</i>	<i>Signature:</i>	<i>Affix Seal Here</i>



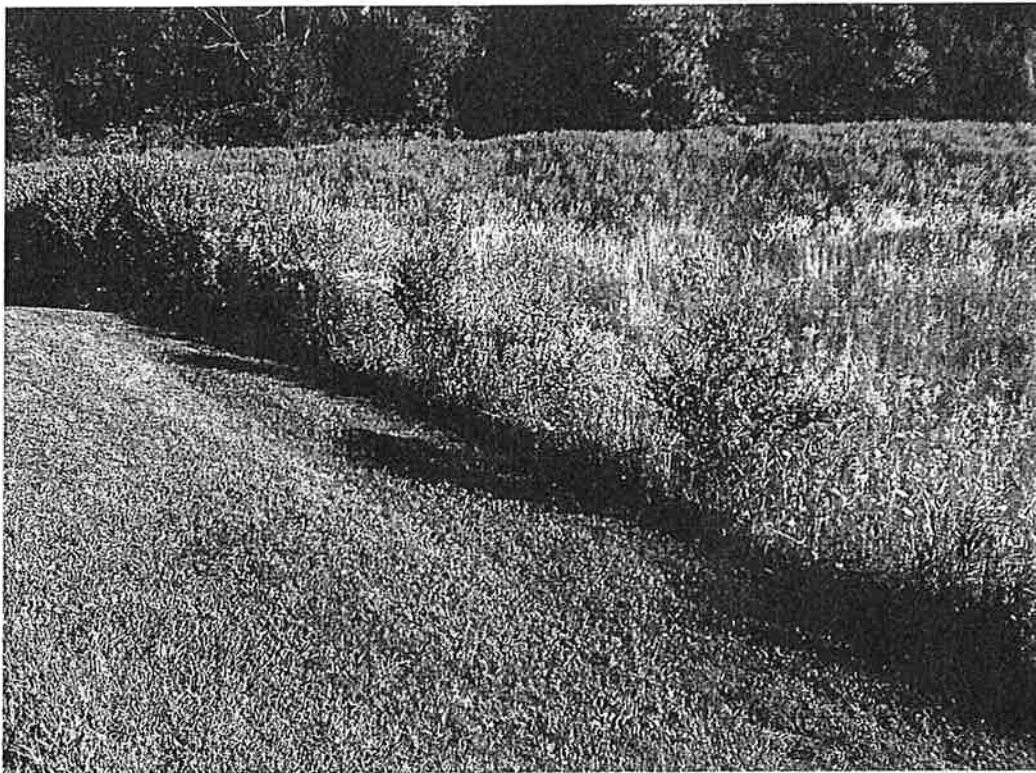
#1 – Looking north over pond.



#2 – Looking south over pond.

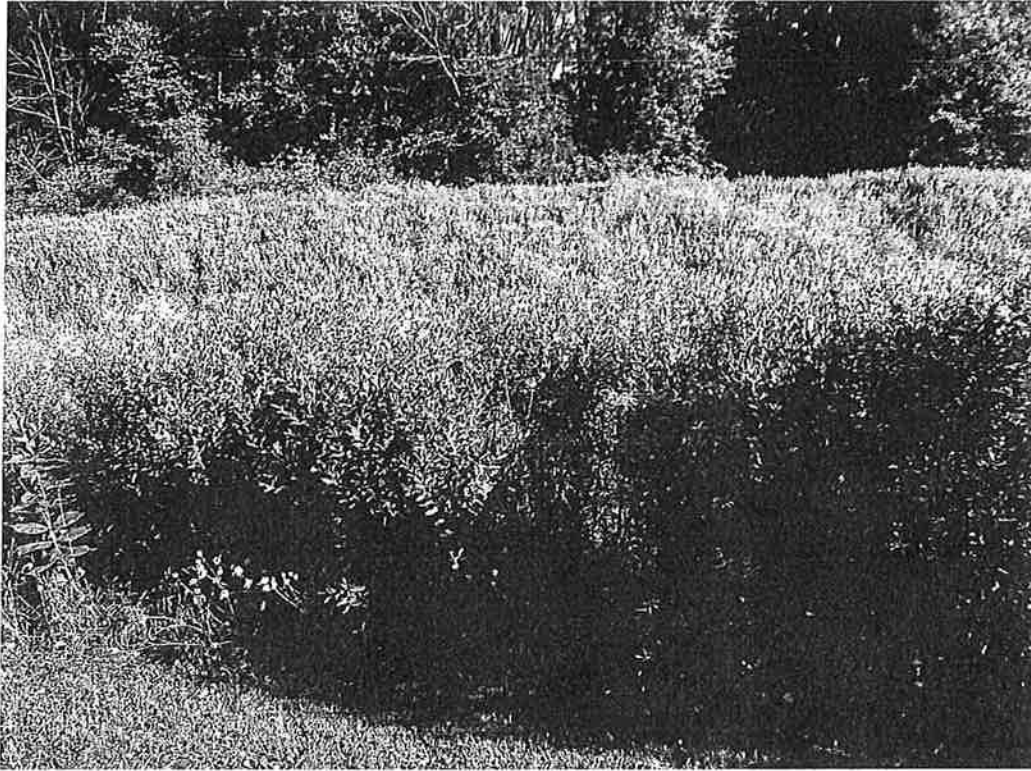


#3 – Looking west over pond.



#4 – South edge of pond looking northwest.





#5 – Temporary sediment basin looking north.



#6 – Emergency spillway, riprap becoming overgrown.

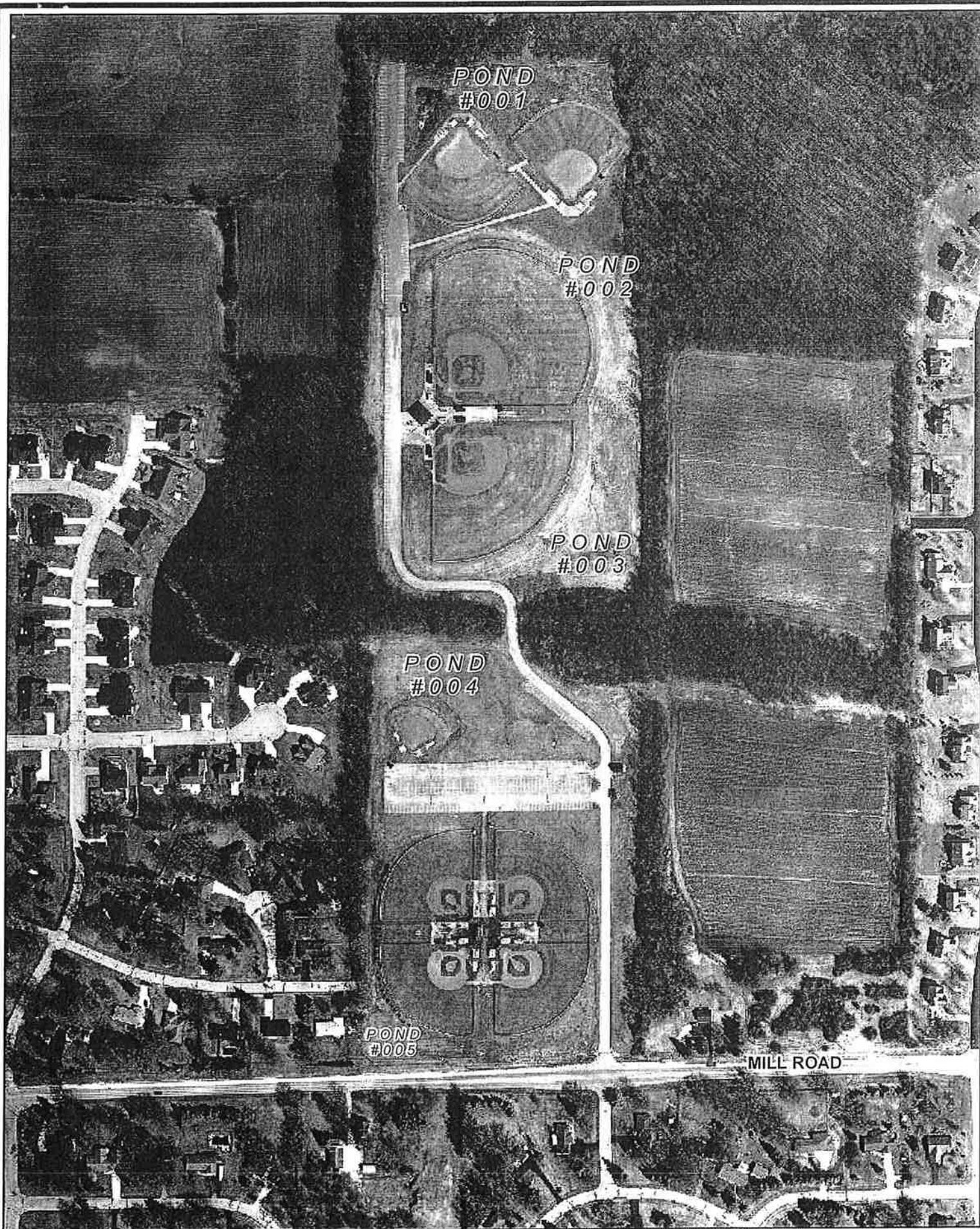


#9 – Downstream end of outfall.



#10 – Temporary sediment basin inlet pipe.





The Crispell-Snyder, Inc. map contains information including but not limited to:

Caution: This data is subject to standard change. Crispell-Snyder, Inc. makes no warranties or guarantees, either expressed or implied, as to the accuracy or correctness of this data. We accept no liability, arising from any personnel, omissions, or misstatements, for any errors or omissions.

**Village of Menomonee Falls**  
**Waukesha County, Wisconsin**

**Little League Pond Inspections**  
**R11-2274-100**



**CRISPELL-SNYDER, INC.**  
PROFESSIONAL GEOTECHNICAL ENGINEERS

1 inch equals 300 feet