



2006 file

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

7-15-2011

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

Quarter Section SW 1/4 Sec 23 Name of Business/Subdivision Little League Complex
Property Tax ID Number 0091.999 Address of Property Adjacent to Mill Road

Dry Pond	<input checked="" type="checkbox"/>	Description: <u>SWP 23S 001</u>	Location Of Pond	Pond #001, See Attached map for location.
Wet Pond	<input type="checkbox"/>			
Other	<input type="checkbox"/>			

Year Pond Constructed _____ Year of Last Certification _____

Compliance Verification	Design	Actual	Compliant Yes	Comments (Condition of Structure)
Primary Outlet Pipe				Outlet Pipe Material – HDPE
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	
Secondary Outlet Pipe	(If Applicable) N/A			Outlet Pipe Material
Opening Diameter (inches)				
Upstream Invert				
Downstream Invert				
Length (feet)				
Slope (%)				
Riser	(If Applicable)			Riser Material – Concrete
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
Upper Discharge Control	(If Applicable)			Pipe Material – Corrugated Plastic
Opening Diameter (inches)	6"	6"		Picture #8
Elevation	817.00	816.02		

Compliance Verification	Design	Actual	Compliant Yes No	Comments			
Lower Discharge Control	(If Applicable) N/A						
Opening Diameter (inches)							
Elevation							
Other (Description)	Inlet Pipe material - HDPE						
Opening Type and Size (inches)	12"	12"		Picture #10 – good			
Elevation	817.00	817.33					
Emergency Spillway							
Elevation	818.80	818.13	Yes	Picture #6 – riprap becoming overgrown			
Length of spillway (feet)			Yes				
Embankment	Present Yes no		Comments/Maintenance Requirements				
Unauthorized Plantings, trees, or woody vegetation		No					
Animal burrows or slope erosion		No					
Storm Sewer Outfalls	Type & Size		Location		Comments		
Outfall 1							
Outfall 2							
Outfall 3							
Storage Properties	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 $V = ((H/3)(A1 + A2 + ((A1 + A2)^{(1/2)})))$

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 Photos

Place Photograph of Pond

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

Certifying

Professional Name: Troy Hartjes
Phone Number: 262-250-8000

Date:

Signature:

Affix Seal Here



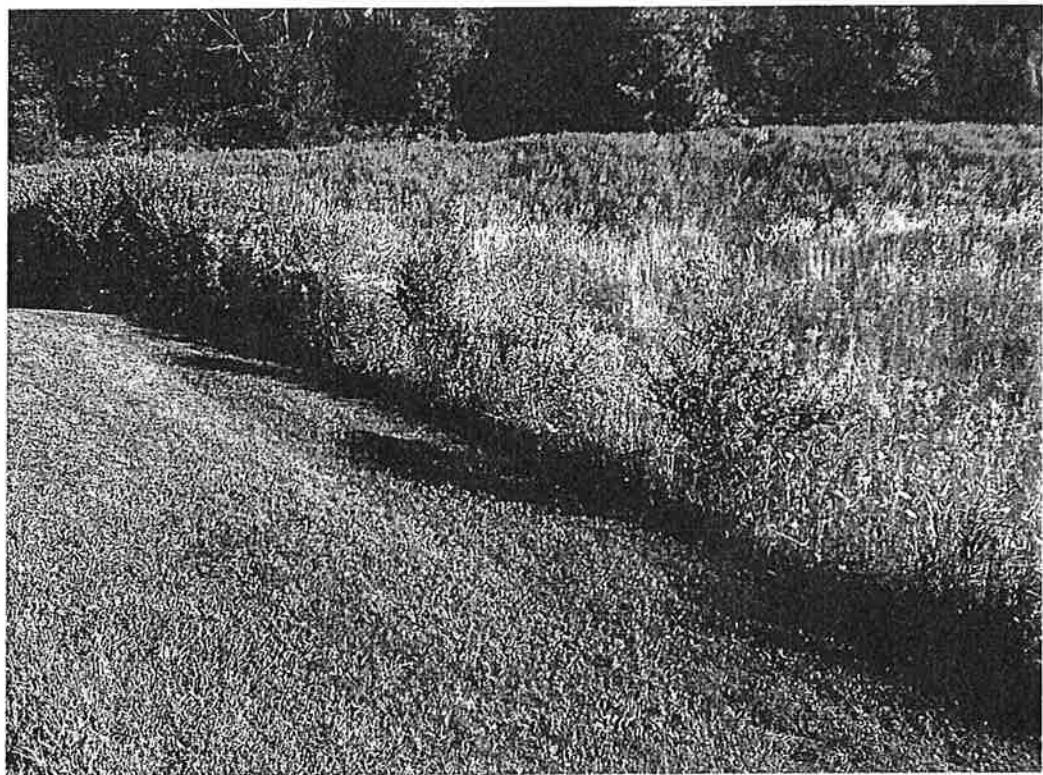
#1 – Looking north over pond.



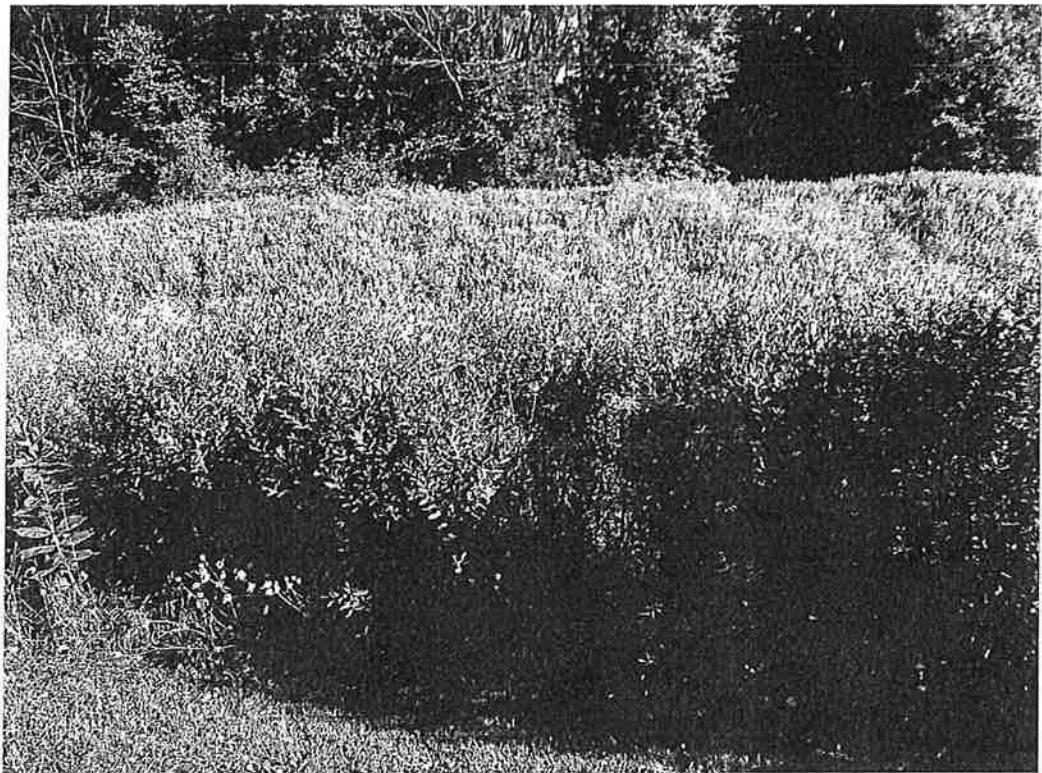
#2 – Looking south over pond.



#3 – Looking west over pond.



#4 – South edge of pond looking northwest.



#5 – Temporary sediment basin looking north.



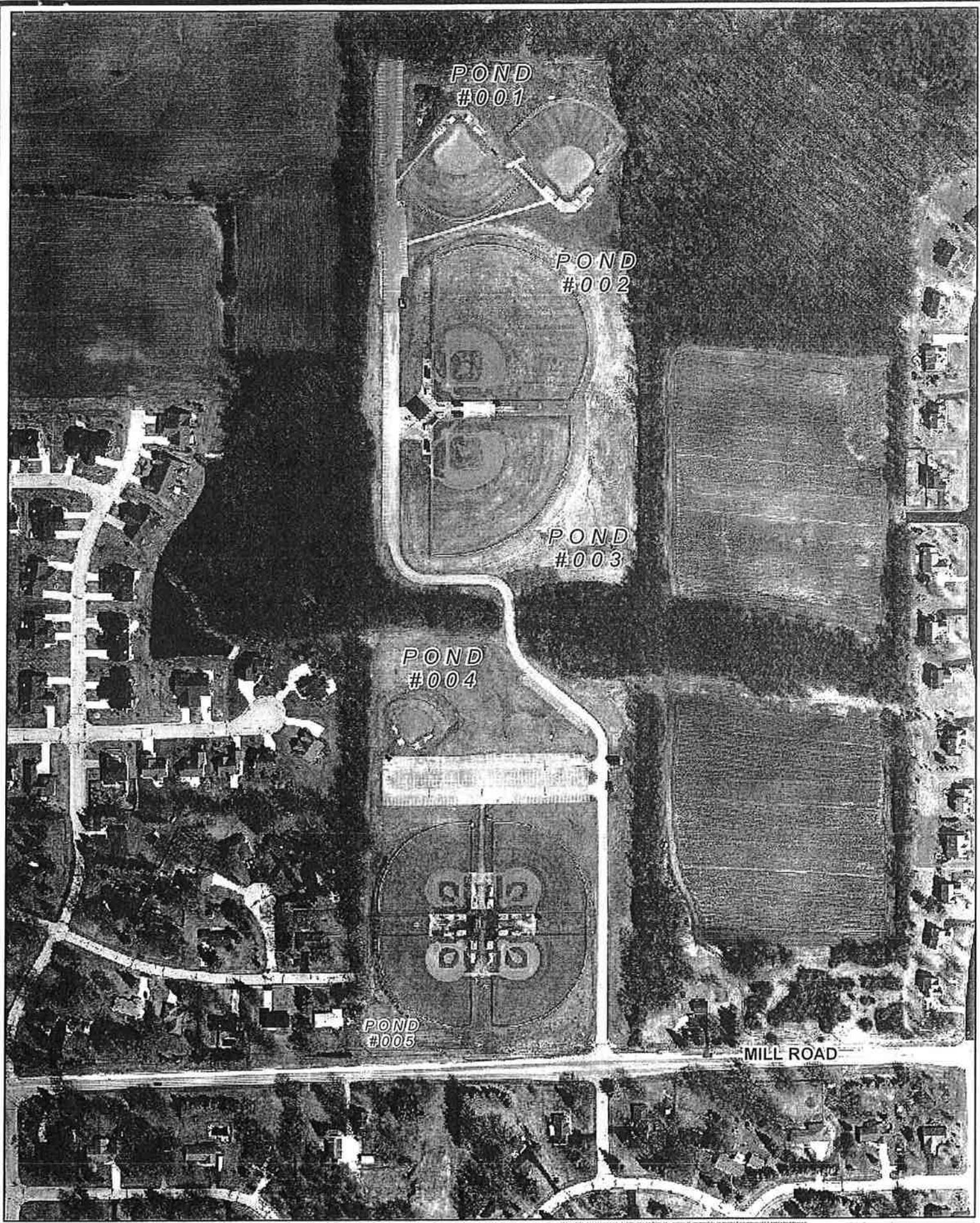
#6 – Emergency spillway, riprap becoming overgrown.



#9 – Downstream end of outfall.



#10 – Temporary sediment basin inlet pipe.



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

County. The data is subject to constant change. Crispell-Snyder Inc. makes no warranty of any kind, express or implied, as to the accuracy or completeness of this data. Use of this data is at your own risk. Crispell-Snyder Inc. is not responsible for any damages or losses resulting from its use.

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

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



CRISPELL-SNYDER, INC.

PROFESSIONAL CONSULTANTS

1 inch equals 300 feet