



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 34 SW Name of Business/Subdivision RIDGEFIELD SUBDIVISION  
 Property Tax ID Number 0135087 Address of Property WETLAND/POND

Dry Pond	
Wet Pond	X
Other	

Description: SWP34S001  
P-103M Q-150 U-307-310

Location Of Pond NORTHEAST CORNER OF  
GREENVIEW DR & LISBON RD

Year Pond Constructed 1989 Year of Last Certification UNKNOWN

Compliance Verification	Design (Non-AsBuilt)	Actual (GPS)	Compliant		Comments (Condition of Structure)
			Yes	No	
<b>Primary Outlet Pipe</b>					Outlet Pipe Material
Opening Diameter (inches)	N/A	18"			18" RCP IN GOOD CONDITION... WITH 2" SILT IN PIPE  ELEVATIONS TO VARY SLIGHTLY FROM YEAR TO YEAR DUE TO GPS TECHNOLOGY
Upstream Invert (OT34S015)	N/A	886.47			
Downstream Invert (OT33S023)	N/A	885.94			
Length (feet)	N/A	151.0'			
Slope (%)	N/A	0.0035',			
<b>Secondary Outlet Pipe</b>					Outlet Pipe Material
Opening Diameter (inches)					
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
<b>Riser</b>					Riser Material
Opening Diameter (inches)					
Elevation					
<b>Upper Discharge Control</b>					
Opening Diameter (inches)					
Elevation					

Compliance Verification	Design	Actual	Compliant		Comments		
			Yes	No			
<b>Lower Discharge Control</b>	N/A						
Opening Diameter (inches)							
Elevation							
<b>Other (Description)</b>	N/A						
Opening Type and Size (inches)							
Elevation							
<b>Emergency Spillway</b>							
Elevation	N/A	888.41			GPS		
Length of spillway (feet)	N/A	145.0 FT					
<b>Embankment</b>	Present Yes No		Comments/Maintenance Requirements				
Unauthorized Plantings, trees, or woody vegetation	Y	-	OT34S023 CAUSING SLOPE EROSION				
Animal burrows or slope erosion or hole	Y	-	BEAVER/MUSKRAT LODGES PRESENT				
<b>Storm Sewer Outfalls</b>	Type & Size		Location		Comments		
Outfall 1 (OT34S022)	CMP – 24X36 – 887.89		LISBON RD (S POND)		UNDER LISBON RD		
Outfall 3 (OT34S014)	RCP – 7” – 885.81		W POND		BELOW GRADE		
Outfall 4 (OT34S013)	RCP – 7” – 886.56		NW POND		BELOW GRADE (N4882 GRNVW)		
Outfall 5 (OT34S012)	RCP – 7” – 886.24		NW MARSH		BELOW GRADE (N4906 GRNVW)		
Outfall 6 (OT34S011)	RCP - 24” – 888.23		N MARSH		W17057 FX RDG DR		
Outfall 7 (OT34S010)	RCP - 36” – 888.63		NE MARSH		BELOW GRADE (N4885 FX RDG DR)		
<b>Storage Properties</b>	Design (NON-ASBUILT)	Actual (GPS)	Compliant Yes No		Not Applicable	Equipment Used	
Normal Water Elevation (Wet Ponds)	N/A	886.00				GPS EQUIPMENT: SOKKIA GSR2700ISX & CARLSON SURVEYOR+ WITH SURV CE v1.7	
Design High Water Elevation	N/A	888.75					
Area at Normal Water Elevation (Ac) (Wet Ponds)	N/A	4.136 AC					
Area at Design High Water Elevation (Ac)	N/A	8.188 AC					
Active Storage Available (Ac-Ft)*	N/A	14.520 ACFT					
Lowest Elevation at Top of Embankment (If Applicable)	N/A	888.75					
Average Elevation at Top of Embankment (If Applicable)	N/A	889.00					
Maximum Bottom Elevation	N/A	N/A					NO MEASUREMENTS TAKEN OF POND BOTTOM
Average Pond Bottom Elevation	N/A	N/A					NO MEASUREMENTS TAKEN OF POND BOTTOM
Pond Bottom Area (Ac)	N/A	N/A					NO MEASUREMENTS TAKEN OF POND BOTTOM
Maximum Pond Depth	N/A	N/A				NO MEASUREMENTS TAKEN OF POND BOTTOM	
Average Pond Depth	N/A	2.75 FT					
Average Permanent Pool Depth (Wet Ponds)	N/A	N/A				NO MEASUREMENTS TAKEN OF POND BOTTOM	

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

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

*Sketch Outlet*

*Place Photograph of Pond*

*Place Photograph of Pond*

Inspection Firm: VILLAGE OF  
MENOMONEE FALLS  
Phone Number: 262-532-4411  
Address: W156N8480 PILGRIM RD  
MENOMONEE FALLS, WI  
53051

Inspector Name : CHRISTOPHER M GARIEPY  
Inspection Date: 11/9/2010

Certifying  
Professional Name: \_\_\_\_\_  
Phone Number: \_\_\_\_\_

*Affix Seal Here*

Date: \_\_\_\_\_ Signature: \_\_\_\_\_