



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		Description: SWP34S001 P-103M Q-150 U-307-310	Location Of Pond	NORTHEAST CORNER OF GREENVIEW DR & LISBON RD
Wet Pond	X			
Other				

Year Pond Constructed 1989 Year of Last Certification UNKNOWN

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

Compliance Verification	Design	Actual	Compliant Yes No	Comments			
Lower Discharge Control	N/A						
Opening Diameter (inches)							
Elevation							
Other (Description)	N/A						
Opening Type and Size (inches)							
Elevation							
Emergency Spillway							
Elevation	N/A	888.41		GPS			
Length of spillway (feet)	N/A	145.0 FT					
Embankment	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				
Storm Sewer Outfalls	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)			
Storage Properties	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					
Average Pond Bottom Elevation	N/A	N/A					
Pond Bottom Area (Ac)	N/A	N/A					
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					

*To Determine Active Storage $V = ((H/3)(A_1 + A_2 + ((A_1 + A_2)^{(1/2)})))$

Wet Ponds Use $H = \text{Height of Section}$, $A_1 = \text{area at normal water elevation}$, $A_2 = \text{area at top section}$

Dry Ponds Use $H = \text{Height of Section}$, $A_1 = \text{pond bottom area}$, $A_2 = \text{area at top section}$

Sketch Outlet

Place Photograph of Pond

Place Photograph of Pond

Inspection Firm:	VILLAGE OF MENOMONEE FALLS	Inspector Name :	CHRISTOPHER M GARIEPY
Phone Number:	262-532-4411	Inspection Date:	11/9/2010
Address:	W156N8480 PILGRIM RD		
	MENOMONEE FALLS, WI		
	53051		

Certifying
Professional Name: _____
Phone Number: _____

Date:

Signature:

Affix Seal Here