



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 27 NE Name of Business/Subdivision KOHLER LANE RETENTION POND
Property Tax ID Number 0105997003 Address of Property _____

Dry Pond	
Wet Pond	X
Other	

Location Of Pond ACROSS FROM
N60W15979 KOHLER LN
MENOMONEE FALLS, WI 53051

Description: SWP27N002
NO PLANS AVAILABLE

Year Pond Constructed 2001 Year of Last Certification 2007

Compliance Verification	Design (Non-AsBuilt)	Actual (GPS)	Compliant Yes No		Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	N/A	15" PVC	-	-	15" PVC IN GOOD CONDITION
Upstream Invert (ST010732)	N/A	807.95	-	-	
Downstream Invert (ST000709)	N/A	808.12	-	-	
Length (feet)	N/A	89.6 FT	-	-	
Slope (%)	N/A	-0.002'/',	-	-	ELEVATIONS TO VARY SLIGHTLY FROM YEAR TO YEAR DUE TO GPS TECHNOLOGY
Secondary Outlet Pipe	N/A				Outlet Pipe Material
Opening Diameter (inches)	-	-	-	-	
Upstream Invert	-	-	-	-	
Downstream Invert	-	-	-	-	
Length (feet)	-	-	-	-	
Slope (%)	-	-	-	-	
Riser	N/A				Riser Material
Opening Diameter (inches)			-	-	
Elevation			-	-	
Upper Discharge Control	N/A				
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	814.52	-	-		
Length of spillway (feet)	N/A	72.0 FT	-	-		
Embankment	Present Yes No		Comments/Maintenance Requirements			
Unauthorized Plantings, trees, or woody vegetation	-	N	4 FT DIA DEPRESSION N OF KOHLER LN S OF POND NEAR W END			
Animal burrows or slope erosion or hole	Y	-				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1 (ST010731)	36" RCP		NW CORNER		GOOD CONDITION	
Outfall 2 (ST010733)	30" PVC		SW CORNER		GOOD CONDITION	
Outfall 3						
Storage Properties	Design (NON-ASBUILT)	Actual (GPS)	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	N/A	809.60	-	-		GPS EQUIPMENT: SOKKIA GSR2700ISX & CARLSON SURVEYOR+ WITH SURV CE v3.2 Bottom of Pond (underwater) not Surveyed.
Design High Water Elevation	814.00	814.52	-	-		
Area at Normal Water Elevation (Ac) (Wet Ponds)	N/A	0.537 AC	-	-		
Area at Design High Water Elevation (Ac)	0.9525 AC	1.011 AC	-	-		
Active Storage Available (Ac-Ft)*	3.210 ACFT	4.934 ACFT	-	-		
Lowest Elevation at Top of Embankment (If Applicable)	814.00	814.52	-	-		
Average Elevation at Top of Embankment (If Applicable)	819.5	818.52	-	-		
Maximum Bottom Elevation	810.00	810.43	-	-		
Average Pond Bottom Elevation	809.50	809.68	-	-		
Pond Bottom Area (Ac)	0.5658 AC	-	-	-		
Maximum Pond Depth	4.25 FT	4.92 FT	-	-		
Average Pond Depth	4.0 FT	4.92 FT	-	-		
Average Permanent Pool Depth (Wet Ponds)	N/A	N/A	-	-		DEPTH OF WATER NOT SURVEYED IN 2014

*To Determine Active Storage $V = \left(\left(\frac{H}{3} \right) \left(A_1 + A_2 + \left((A_1 + A_2)^{\frac{1}{2}} \right) \right) \right)$
Wet Ponds Use H = Height of Section , A_1 = area at normal water elevation, A_2 =area at top section
Dry Ponds Use H = Height of Section, A_1 = pond bottom area, A_2 =area at top section

Kohler Lane Retention Pond – SWP27N002

Overview (Looking WNW)



Outlet ST010733

Outlet ST010731



Kohler Lane Retention Pond – SWP27N002

Inlet ST010732



Emergency Spillway



Kohler Lane Retention Pond – SWP27N002

Repairs Needed (7/2014)

- Large depression in ROW near Kohler Ln



Sketch Outlet

Place Photograph of Pond

Place Photograph of Pond

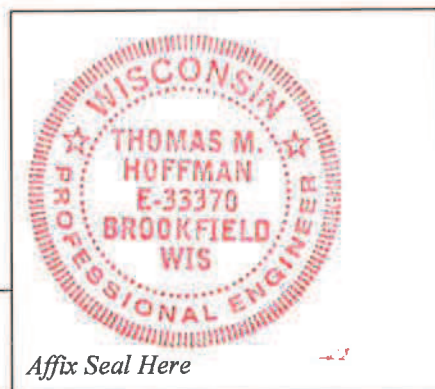
Inspection Firm: VILLAGE OF
MENOMONEE FALLS
Phone Number: 262-532-4411
Address: W156N8480 PILGRIM RD
MENOMONEE FALLS, WI
53051

Inspector Name : CHRISTOPHER M GARIEPY

Inspection Date: 07/31/2014

Certifying
Professional Name:
Phone Number:

Thomas M Hoffman
262-532-4415



Date:
3/24/2015

Signature:
[Handwritten Signature]

Affix Seal Here

N

1.765 15 22.5 30 Feet

1 inch = 30 feet

