



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 26 NE Name of Business/Subdivision MILL RIDGE NO. 5 SUBD
 Property Tax ID Number 0101158 Address of Property (INDEX NO. 01.15)

Dry Pond	X
Wet Pond	
Other	

Description: SWP26N002
(INDEX NO. 01.15)

Location Of Pond WEST OF LILLY RD
NORTH OF MANHARDT DR

Year Pond Constructed 2001 Year of Last Certification 2008

Compliance Verification	Design (Non-AsBuilt)	Actual (GPS)	Compliant		Comments (Condition of Structure)
			Yes	No	
Primary Outlet Pipe (IN26N013-OT26N020)					Outlet Pipe Material
Opening Diameter (inches)	N/A	12" CMP			12" CMP IN GOOD CONDITION ELEVATIONS TO VARY SLIGHTLY FROM YEAR TO YEAR DUE TO GPS TECHNOLOGY
Upstream Invert (IN26N013)	N/A	769.54			
Downstream Invert (OT26N020)	N/A	769.41			
Length (feet)	N/A	72.4			
Slope (%)	N/A	0.0018'/',			
Secondary Outlet Pipe (IN26N012-OT26N019)					Outlet Pipe Material
Opening Diameter (inches)	N/A	12" CMP			12" CMP IN GOOD CONDITION
Upstream Invert (IN26N012)	N/A	769.72			
Downstream Invert (OT26N019)	N/A	769.14			
Length (feet)	N/A	73.4 FT			
Slope (%)	N/A	0.0079'/',			
Riser N/A					Riser Material
Opening Diameter (inches)					
Elevation					
Upper Discharge Control N/A					
Opening Diameter (inches)					
Elevation					

Compliance Verification	Design	Actual	Compliant		Comments
			Yes	No	
Lower Discharge Control	N/A				
Opening Diameter (inches)					
Elevation					
Other (Description)	N/A				
Opening Type and Size (inches)					
Elevation					
Emergency Spillway					
Elevation		771.97			
Length of spillway (feet)		79.1 FT			
Embankment	Present Yes No		Comments/Maintenance Requirements		
Unauthorized Plantings, trees, or woody vegetation	-	N			
Animal burrows or slope erosion or hole	-	N			
Storm Sewer Outfalls	Type & Size		Location		Comments
Outfall 1 (IN26N011-OT26N018)	CMP – 12”		WESTERLY EMBANKMENT		UP ELEV: 769.75, DN ELEV: 769.09, LENGTH: 61.6 FT, SLOPE: 0.0107’/,
Outfall 2 REPAIR NEEDED (IN26N010-OT26N017)	CMP – 12”		WESTERLY EMBANKMENT		UP ELEV: 769.86, DN ELEV: 768.74, LENGTH: 43.5 FT, SLOPE: 0.0257’/,
Storage Properties	Design (NON-ASBUILT)		Actual (GPS)		Compliant Yes No
Normal Water Elevation (Wet Ponds)	-	-	-	Not Applicable	Equipment Used
Design High Water Elevation		771.97		-	GPS EQUIPMENT: SOKKIA GSR2700ISX & CARLSON SURVEYOR+ WITH SURV CE v1.7
Area at Normal Water Elevation (Ac) (Wet Ponds)	-	-	-		
Area at Design High Water Elevation (Ac)		2.159 AC		-	
Active Storage Available (Ac-Ft)*		4.008 ACFT			
Lowest Elevation at Top of Embankment (If Applicable)		771.97			
Average Elevation at Top of Embankment (If Applicable)		773.90			
Maximum Bottom Elevation		770.80			
Average Pond Bottom Elevation		770.00			
Pond Bottom Area (Ac)		1.924 AC			
Maximum Pond Depth		2.3 FT			
Average Pond Depth		2.0 FT			
Average Permanent Pool Depth (Wet Ponds)	-	-	-		

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

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

<i>Sketch Outlet</i>	<i>Place Photograph of Pond</i>
	<i>Place Photograph of Pond</i>

Inspection Firm:	VILLAGE OF MENOMONEE FALLS	Inspector Name :	CHRISTOPHER M GARIEPY
Phone Number:	262-532-4411	Inspection Date:	11/15/2013
Address:	W156N8480 PILGRIM RD		
	MENOMONEE FALLS, WI		
	53051		

Certifying Professional Name: _____
 Phone Number: _____

Affix Seal Here

<i>Date:</i>	<i>Signature:</i>
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