



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 \_\_\_\_\_ Name of Business/Subdivision \_\_\_\_\_ Goodwill Industries \_\_\_\_\_  
Property Tax ID Number \_\_\_\_\_ Address of Property \_\_\_\_\_ W178N9315 Water Tower Place \_\_\_\_\_  
80 \_\_\_\_\_  
Date 4/4/14 \_\_\_\_\_ Menomonee Falls, WI \_\_\_\_\_  
\_\_\_\_\_

Dry Pond		Location of Pond	Northern corner of site
Wet Pond	X		
Other		Pond ID: <u>SWP04N002</u>	

Year Pond Constructed 2006 Year of Last Certification 2010

Compliance Verification	Design	Actual	Compliant Yes	Comments ( Condition of Structure)
<b>Primary Outlet Pipe</b>				
Opening Diameter (inches)	24"	24"	X	Outlet Pipe Material
Upstream Invert	896	896.02	X	Outlet in good condition
Downstream Invert	896	896	X	
Length (feet)	45'	45'	X	
Slope (%)	0	0.04%	X	
<b>Secondary Outlet Pipe</b>	(If Applicable)			
Opening Diameter (inches)				Outlet Pipe Material
Upstream Invert				NA – No secondary outlet
Downstream Invert				
Length (feet)				
Slope (%)				
<b>Riser</b>	(If Applicable)			
Opening Diameter (inches)				Riser Material
Elevation				NA – No riser
<b>Upper Discharge Control</b>	(If Applicable)			
Opening Diameter (inches)	4.8	4.8	X	
Elevation	899.55	899.5	X	

Compliance Verification	Design	Actual	Compliant Yes No		Comments
<b>Lower Discharge Control</b>	(If Applicable)				
Opening Diameter (inches)	3.7	3.7	X		
Elevation	896	896.1			
<b>Other (Description)</b>					
Opening Type and Size (inches)					
Elevation					
<b>Emergency Spillway</b>					
Elevation	903	903	X		
Length of spillway (feet)					
<b>Embankment</b>	Present Yes no		Comments/Maintenance Requirements		
Unauthorized Plantings, trees, or woody vegetation		X			
Animal burrows or slope erosion		X			
<b>Storm Sewer Outfalls</b>	Type & Size		Location		Comments
Outfall 1	24" HDPE		SE corner of basin		Good shape
Outfall 2	18" HDPE		SW corner of basin		Good shape
Outfall 3					
<b>Storage Properties</b>	Design	Actual	Compliant Yes No	Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	896	896	X		
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)					
Maximum Bottom Elevation					
Average Pond Bottom Elevation					
Pond Bottom Area (Ac)					
Maximum Pond Depth					
Average Pond Depth					
Average Permanent Pool Depth (Wet Ponds)					

\*To Determine Active Storage  $V=H/3(A1+A2+(A1xA2)1/2)$

Wet Ponds Use  $H$  = Height of Section ,  $A1$ = area at normal water elevation,  $A2$ =area at top section

Sketch Outlet or Attach to Document

Place Photograph of Pond or Attach to Document

See attached photos

Place Photograph of Pond or Attach to Document

Attach As-built Survey to the Document for the first report submission

Inspection Firm: The Sigma Group, Inc.  
Phone Number: 414-643-4200  
Address: 1300 W. Canal Street  
Milwaukee, WI 53233

Inspector Name: James Leedom, P.E.  
Inspection Date: 4/4/14

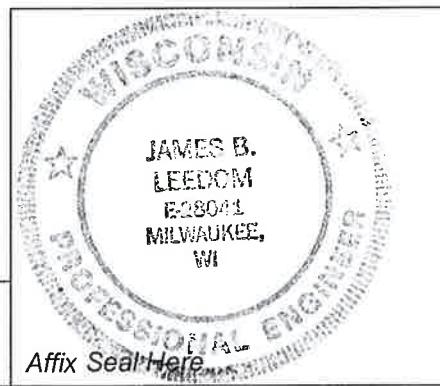
Certifying Professional James B. Leedom, P.E.  
Name: \_\_\_\_\_  
Phone Number: 414-643-4200

Date:

4/9/14

Signature:

J B L



Goodwill

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