



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 SW 1/4 SEC 26 Name of Business/Subdivision FIRST PARK
 Property Tax ID Number V0103985 Address of Property W156 N5384 PILGRIM RD

Dry Pond	<input checked="" type="checkbox"/>
Wet Pond	<input type="checkbox"/>
Other	<input type="checkbox"/>

Location Of Pond EAST OF KOHLER LN
NORTH OF SHAWN CIRCLE

Description: BASIN B

Year Pond Constructed 2008

Year of Last Certification _____

Compliance Verification	Design	Actual	Compliant		Comments (Condition of Structure)
			Yes	No	
Primary Outlet Pipe					
Opening Diameter	30 in.	30 in.	X		
Upstream Invert	801.15	801.01	X		
Downstream Invert	799.68	799.63	X		
Length	95.99 ft	96.48 ft	X		
Slope	1.53%	1.47%	X		
Secondary Outlet Pipe (If Applicable)					
Opening Diameter	N/A				
Upstream Invert	N/A				
Downstream Invert	N/A				
Length	N/A				
Slope	N/A				
Riser (If Applicable)					
Opening Diameter	N/A				
Elevation	N/A				
Upper Discharge Control (If Applicable)					
Opening Diameter	N/A				
Elevation	N/A				

Compliance Verification	Design	Actual	Compliant		Comments	
			Yes	No		
Lower Discharge Control	(If Applicable)					
Opening Diameter	N/A					
Elevation	N/A					
Other (Description)						
Opening Type	N/A					
Elevation	N/A					
Emergency Spillway						
Elevation	810	810.31	X			
Length of spillway	27 ft	27 ft	X			
Embankment			Present			
			Yes	No		
Unauthorized plantings, trees, or woody vegetation				X		
Animal burrows or slope erosion				X		
Storage Properties	Design	Actual	Compliant		Points Surveyed	Equipment Used
	Yes	No				
Normal Water Elevation (Wet Ponds)	N/A (DRY)					TRIMBLE 5600 TOTAL STATION
Design High Water Elevation	807.56	807.56	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)	N/A					
Area at Design High Water Elevation (Ac)	0.4 ac	0.4 ac	X			
Active Storage Available (Ac-Ft)*	1.8	1.8	X			
Lowest Elevation at Top of Embankment (If Applicable)	N/A					
Average Elevation at Top of Embankment (If Applicable)	N/A					
Maximum Bottom Elevation	802.0	801.2	X			
Average Pond Bottom Elevation	803.5	802.1	X			
Pond Bottom Area (Ac)	0.07 ac	0.08 ac	X			
Maximum Pond Depth	N/A					
Average Pond Depth	N/A					

*To Determine Active Storage $V=H/3(A1+A2+(A1 \times A2)^{1/2})$

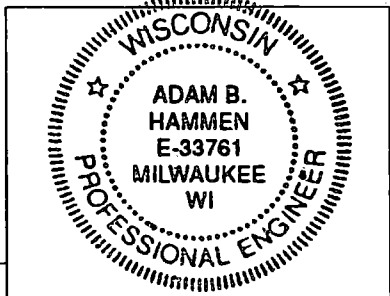
Wet Ponds Use $H =$ Height of Section, $A1 =$ area at normal water elevation, $A2 =$ area at top section


Dry Ponds Use $H =$ Height of Section, $A1 =$ pond bottom area, $A2 =$ area at top section

<p><i>Sketch Outlet</i></p> <p>N/A</p>	<p><i>Place Photograph of Pond</i></p>
	<p>SEE ATTACHED DOCUMENTS FOR PICTURES</p>
	<p><i>Place Photograph of Pond</i></p> <p>SEE ATTACHED DOCUMENTS FOR PICTURES</p>

Inspection Firm: SIGMA DEVELOPMENT Inspector Name : PATRICK FINN
 Phone Number: 414-643-4300 Inspection Date: 1/9/2009
 Address: 1300 W. CANAL STREET
 MILWAUKEE, WI 53233

Certifying
 Professional Name: ADAM HAMMEN, P.E.
 Phone Number: 414-643-4165



<p>Date:</p> <p>02/08/10</p>	<p>Signature:</p> 
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Affix Seal Here