



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  
Property Tax ID Number  
Date 10/14/2020

NW 1/4, Name of Business/Subdivision White Stone Station  
Address of Property

Dry Pond		Location of Pond	Between USH 41/45 and Falls Parkway
Wet Pond	X		
Other			

Pond ID: SWP 3s006

Year Pond Constructed

2015

Year of Last Certification

2015

Compliance Verification	Design	Actual	Compliant Yes	No	Comments ( Condition of Structure)
<b>Primary Outlet Pipe</b>					
Opening Diameter (inches)	66" RCP	66" RCP	X		
Upstream Invert	820.93	820.96	X		
Downstream Invert	818.92	818.92	X		
Length (feet)	461	460	X		
Slope (%)	0.44	0.44	X		
<b>Secondary Outlet Pipe</b>	(If Applicable)				
Opening Diameter (inches)	N/A				
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
<b>Riser</b>	(If Applicable)				
Opening Diameter (inches)	N/A				
Elevation					
<b>Upper Discharge Control</b>	(If Applicable)				
Opening Diameter (inches)	118"	118"	X		
Elevation	824.97	824.96	X		

Compliance Verification	Design	Actual	Compliant Yes No		Comments
<b>Lower Discharge Control</b>	(If Applicable)				
Opening Diameter (inches)	11"	11"	X		
Elevation	821.87	821.98	X		
<b>Other (Weir Plat)</b>					
Opening Type and Size (inches)	N/A				
Elevation					
<b>Emergency Spillway</b>					
Elevation	826.80	827.01	X		
Length of spillway (feet)	10'	7'	X		
<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	48"X76" RCP		NW Corner		
Outfall 2	24" CMP		NW Corner		
<b>Storage Properties</b>	Design	Actual	Compliant Yes No	Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	821.87	821.80	X		
Design High Water Elevation	826.79	826.79	X		
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.48	0.49	X		
Area at Design High Water Elevation (Ac)	0.74	0.77	X		
Active Storage Available (Ac-Ft)*	2.29	2.41	X		
Lowest Elevation at Top of Embankment (If Applicable)	826.79	827.01	X		
Average Elevation at Top of Embankment (If Applicable)	828.00	828.00	X		
Maximum Bottom Elevation	815.00	814.36	X		
Average Pond Bottom Elevation	815.00	814.60	X		
Pond Bottom Area (Ac)	0.14	0.14	X		
Maximum Pond Depth	12.9'	12.19'	X		
Average Pond Depth	12.9'	12.19'	X		
Average Permanent Pool Depth (Wet Ponds)	6.95'	7.2'	X		

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

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

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

Sketch Outlet or Attach to Document

See attached Document with Pond Changes.



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

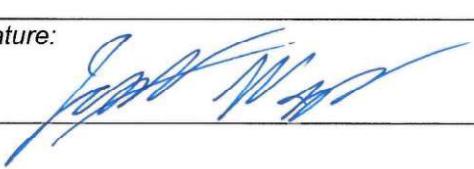
Inspection Firm: Quam Engineering, LLC  
Phone Number: 262-346-7800  
Address: 122 Wisconsin Street  
West Bend, WI 53095

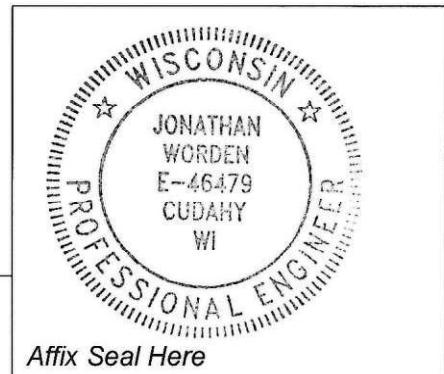
Inspector Name: Jonathan Worden / J Scott Henkel  
Inspection Date: 10/14/2020

Certifying Professional

Name: Jonathan Worden  
Phone Number: 262-353-9765

Date: 10/28/2020

Signature: 



10-3-2012