



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: 5/13/2016

NW 1/4
0009 987009

Name of Business/Subdivision
Address of Property

White Stone Station

Dry Pond	
Wet Pond	X
Other	

Pond ID: Pond 2A *As-built*
SWP 35 006

Location of
Pond

Menomonee Falls, WI

Year Pond
Constructed

2015

Year of Last
Certification

Compliance Verification	Design	Actual	Compliant Yes	Comments (Condition of Structure)
Primary Outlet Pipe				
Opening Diameter (inches)	66" RCP	66" RCP	X	
Upstream Invert	821.00	820.93	X	
Downstream Invert	819.00	818.92	X	
Length (feet)	555.7'	461.00'	X	
Slope (%)	0.3%	0.44%	X	
Secondary Outlet Pipe	(If Applicable)			Outlet Pipe Material
Opening Diameter (inches)				
Upstream Invert				
Downstream Invert				
Length (feet)				
Slope (%)				
Riser	(If Applicable)			Riser Material
Opening Diameter (inches)				
Elevation				
Upper Discharge Control	(If Applicable)			
Opening Diameter (inches)	118"	118"	X	
Elevation	825.00	824.92	X	

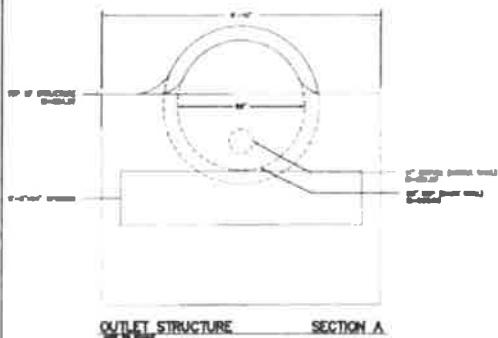
Compliance Verification	Design	Actual	Compliant Yes No	Comments	
Lower Discharge Control	(If Applicable)				
Opening Diameter (inches)	11"	11"	X		
Elevation	822.00	821.87	X		
Other (Description)					
Opening Type and Size (inches)					
Elevation					
Emergency Spillway					
Elevation	826.80	826.75	X		
Length of spillway (feet)	10'	10'	X		
Embankment	Present Yes no		Comments/Maintenance Requirements		
Unauthorized Plantings, trees, or woody vegetation		X			
Animal burrows or slope erosion		X			
Storm Sewer Outfalls	Type & Size		Location		Comments
Outfall 1					
Outfall 2					
Outfall 3					
Storage Properties	Design	Actual	Compliant Yes No	Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	822.00	821.95	X		
Design High Water Elevation	827.50	828.00	X		
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.54	0.55	X		
Area at Design High Water Elevation (Ac)	0.90	0.93	X		
Active Storage Available (Ac-Ft)*	7.36	7.46	X		
Lowest Elevation at Top of Embankment (If Applicable)	828.00	827.80	X		
Average Elevation at Top of Embankment (If Applicable)	828.00	827.90	X		
Maximum Bottom Elevation	815.00	815.00	X		
Average Pond Bottom Elevation	815.00	815.00	X		
Pond Bottom Area (Ac)	0.27	0.27	X		
Maximum Pond Depth	13'	12.9'	X		
Average Pond Depth	13'	12.9'	X		
Average Permanent Pool Depth (Wet Ponds)	7'	6.95'	X		

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

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

Sketch Outlet or Attach to Document



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

Inspection Firm: QUAM ENGINEERING, LLC

Phone Number: 262-338-6641

Address: 1519 E. WASHINTON STREET
SUITE A
WEST BEND, WI 53095

Inspector Name: KEVIN PARISH

Inspection Date: 5/25/16

Certifying Professional

Name: KEVIN PARISH

Phone Number: 262-338-6641

Date:

5-26-16

Signature:

A handwritten signature in black ink, appearing to read 'K. Parish'.



Affix Seal Here