



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 NW 1/4 Name of Business/Subdivision White Stone Station
 Property Tax ID Number 0009 987009 Address of Property _____
 Date: 5/13/2016 _____

Dry Pond	
Wet Pond	X
Other	

Location of Pond Menomonee Falls, WI

Pond ID: Pond 2A *Asbuilt*
Swp 3s 006

Year Pond Constructed 2015

Year of Last Certification _____

Compliance Verification	Design	Actual	Compliant		Comments (Condition of Structure)
			Yes	No	
Primary Outlet Pipe					Outlet Pipe Material
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		

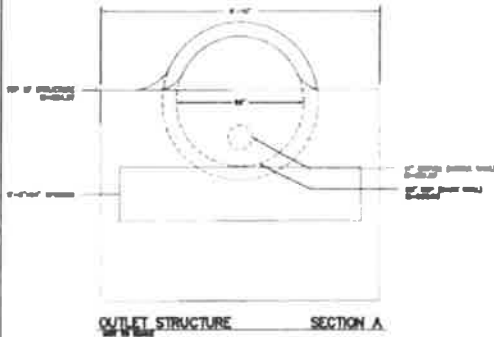
Compliance Verification	Design	Actual	Compliant		Comments	
			Yes	No		
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)	11"	11"	X			
Elevation	822.00	821.87	X			
Other (Description)						
Opening Type and Size (inches)						
Elevation						
Emergency Spillway						
Elevation	826.80	826.75	X			
Length of spillway (feet)	10'	10'	X			
Embankment	Present		Comments/Maintenance Requirements			
	Yes	no				
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		Not Applicable	Equipment Used
			Yes	No		
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 $V=H/3(A1+A2+(A1 \times A2)^{1/2})$

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

Sketch Outlet or Attach to Document



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

Inspection Firm: QUAM ENGINEERING, LLC Inspector Name: KEVIN PARISH
 Phone Number: 262-338-6641 Inspection Date: 5/25/16
 Address: 1519 E. WASHINGTON STREET
 SUITE A
 WEST BEND, WI 53095

Certifying Professional
 Name: KEVIN PARISH
 Phone Number: 262-338-6641



Date: 5-26-16 Signature: [Handwritten Signature]