



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 ¼ of section 4	Name of Business/Subdivision	Christman Park Subdivision
Property Tax ID Number	MNFV0015994	Address of Property	N88 W18508 Christman Road
Date 11-02-2020			Menomonee Falls, WI

Dry Pond	
Wet Pond	X
Other	

Location of Pond: Intersection of Maple Road and Christman Road
Located to east of Maple Road and to the north of Christman Road

Pond ID: SWP04S006

Year Pond Constructed: 2016 Year of Last Certification: 2016

Compliance Verification	Design	Actual	Compliant		Comments (Condition of Structure)
			Yes	No	
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	12	12	X		RCP
Upstream Invert	862.00	861.85	X		
Downstream Invert	861.15	861.02	X		
Length (feet)	285	287.03	X		
Slope (%)	0.30	0.29	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)	21	21	X		RCP with Neenah R-2560-D8 Beehive Frame & Grate
Elevation	867.50	867.40	X		
Upper Discharge Control	(If Applicable)				
Opening Diameter (inches)	12	12	X		
Elevation	864.50	864.41	X		

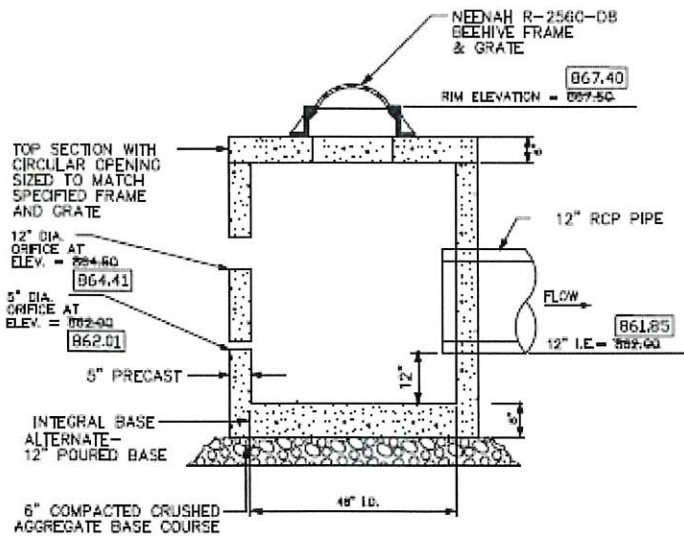
Compliance Verification	Design	Actual	Compliant		Comments	
			Yes	No		
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)	5	5	X			
Elevation	862.00	862.01	X			
Other (Description)						
Opening Type and Size (inches)						
Elevation	867.50	867.75	X			
Emergency Spillway						
Elevation	14	16.5	X			
Length of spillway (feet)						
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	15" RCP @ 0.38%		NE CORNER		IE=868.80 Asbuilt=868.80	
Outfall 2	15" RCP @3.47%		NE CORNER		IE=868.16 Asbuilt=868.28	
Outfall 3	24"x38" RCP @0.27%		SE		IE-865.60 Abuilt=865.71	
Storage Properties	Design	Actual	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	862.00	862.01	X			
Design High Water Elevation	867.50	867.50	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)	0.28	0.27			X	
Area at Design High Water Elevation (Ac)	1.31	1.347			X	
Active Storage Available (Ac-Ft)*	3.25	3.29	X			
Lowest Elevation at Top of Embankment (If Applicable)	867.50	867.75			X	
Average Elevation at Top of Embankment (If Applicable)	870.00	870.00			X	
Maximum Bottom Elevation	857.00	856.88			X	
Average Pond Bottom Elevation	857.00	857.05	X			
Pond Bottom Area (Ac)	0.08	0.06			X	
Maximum Pond Depth	10.5'	10.87'			X	
Average Pond Depth	10.5'	10.70'			X	
Average Permanent Pool Depth (Wet Ponds)	5'	4.05'	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



OUTLET STRUCTURE DETAIL

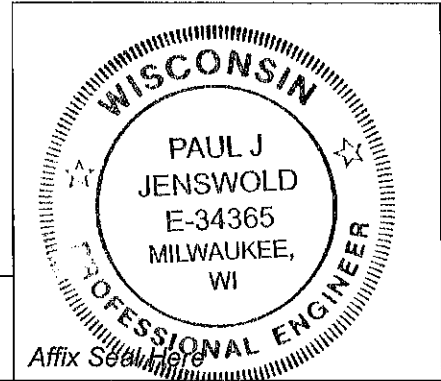


Place Photograph of Pond or Attach to Document

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

Inspection Firm: Trio Engineering Inspector Name : Paul Jenewold
Phone Number: 262-790-1480 Inspection Date: 11-04-2020
Address: 4100 N Calhoun Road
Brookfield, WI 53005

Certifying Professional Name: Paul Jenewold
Phone Number: 262-790-1480



Date: 11-04-2020

Signature:

11-04-2020