



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 12-03-2021

SE 1/4 SEC 22 Name of Business/Subdivision FOX MEADOW
Address of Property _____

Dry Pond	X
Wet Pond	
Other	

Pond ID: SWP22S006

Location of
Pond

OUTLOT 7

Year Pond
Constructed 2016

Year of Last
Certification 2016

Compliance Verification		Design	Actual	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe						Outlet Pipe Material
Opening Diameter (inches)		30	30	X		Reinforced concrete pipe
Upstream Invert		843.00	843.06	X		Good Condition
Downstream Invert		842.50	842.44	X		
Length (feet)		99.0	99.2	X		
Slope (%)		0.50	0.63	X		
Secondary Outlet Pipe		(If Applicable)				Outlet Pipe Material
Opening Diameter (inches)		NA				NA
Upstream Invert		NA				
Downstream Invert		NA				
Length (feet)		NA				
Slope (%)		NA				
Riser		(If Applicable)				Riser Material
Opening Diameter (inches)		NA				
Elevation		NA				
Upper Discharge Control		(If Applicable)				
Opening Diameter (inches)		NA				
Elevation		NA				

Compliance Verification	Design	Actual	Compliant Yes No		Comments
Lower Discharge Control	(If Applicable)				
Opening Diameter (inches)	NA	NA			
Elevation	NA	NA			
Other (Description)					
Opening Type and Size (inches)	NA	NA			
Elevation	NA	NA			
Emergency Spillway					
Elevation	847.50	847.45	X		Good Condition
Length of spillway (feet)	10	10	X		Good Condition
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	18" RCP FES		W bank		Good Condition
Outfall 2					
Outfall 3					
Storage Properties	Design	Actual	Compliant Yes No	Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)					Trimble Total Station & GPS
Design High Water Elevation	846.42	846.42	X		
Area at Normal Water Elevation (Ac) (Wet Ponds)					
Area at Design High Water Elevation (Ac)	0.10	0.10	X		
Active Storage Available (Ac-Ft)*	0.24	0.23	X		
Lowest Elevation at Top of Embankment (If Applicable)	847.50	847.42	X		
Average Elevation at Top of Embankment (If Applicable)	847.50	847.45	X		
Maximum Bottom Elevation	843.00	843.01	X		
Average Pond Bottom Elevation	843.00	843.03	X		
Pond Bottom Area (Ac)	0.005	0.005	X		
Maximum Pond Depth	4.5'	4.4'	X		
Average Pond Depth	4.5'	4.4'	X		
Average Permanent Pool Depth (Wet Ponds)					

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

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

Figure 1: Pond 4A As-built Section

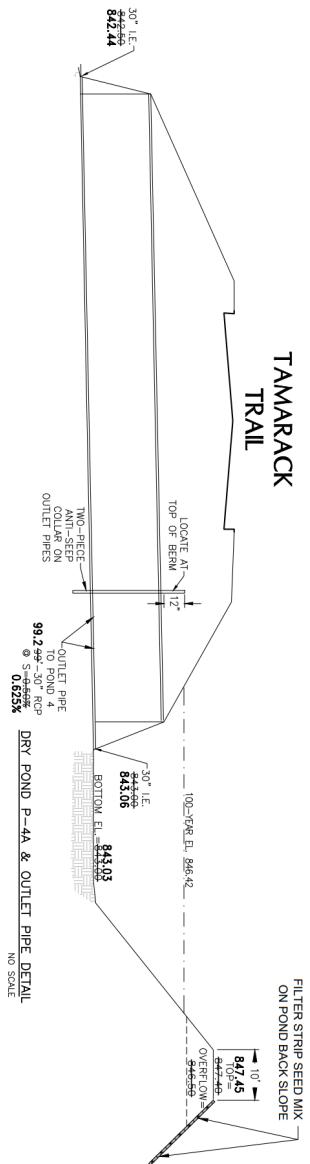


Figure 2: Pond 4A Facing Southwest



Figure 3: Pond 4A Facing Northeast



Inspection Firm: TRIO ENGINEERING, LLC
Phone Number: 262-790-1480
Address: 4100 N. Calhoun Road
Brookfield, WI 53005

Inspector Name: Daniel Scherer
Inspection Date: 12-01-2021

Certifying Professional

Name: Daniel Scherer
Phone Number: 262-790-1480

Date: 12/03/21

Signature:



Affix Seal Here