



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 SW1/4; S1 Name of Business/Subdivision Menomonee Falls Storage LLC
Property Tax ID Number 3979000
3980000 Address of Property: W135 N8949 Hwy 145
Menomonee Falls, WI 53051
Date 03-19-18

Dry Pond	X
Wet Pond	
Other	

Location of Pond BASIN A – SOUTH SIDE
Pond ID: SWP01S009 & SWP01S011

Year Pond Constructed 2017 Year of Last Certification _____

Compliance Verification	Design	Actual	Compliant Yes No	Comments (Condition of Structure)
Primary Outlet Pipe				Outlet Pipe Material
Opening Diameter (inches)	12"	12"	X	HDPE (ORIFICE CONTROLS OUTLET FLOW)
Upstream Invert	790.40	790.92	X	
Downstream Invert	789.80	789.36	X	
Length (feet)	53.0	49.7	X	
Slope (%)	1.13%	3.14%	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)	36	36	X	CONCRETE
Elevation	795.75	795.75	X	
Upper Discharge Control	(If Applicable)			
Opening Diameter (inches)	6.5	6.5	X	
Elevation	794.00	794.00	X	

Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)						
Elevation						
Other (Description)						
Opening Type and Size (inches)						
Elevation						
Emergency Spillway						
Elevation	796.00	796.00	X		RIPRAP SPILLWAY	
Length of spillway (feet)	10.0	10.0	X			
Embankment	Present Yes no		Comments/Maintenance Requirements			X
Unauthorized Plantings, trees, or woody vegetation		X				
Animal burrows or slope erosion		X				
Storm Sewer Outfalls	Type & Size		Location		Comments	
Outfall 1	15"		WEST SIDE		COMPLIANT	
Outfall 2	6"		CENTRAL NORTH		COMPLIANT	
Outfall 3	12"		NORTH EAST		COMPLIANT	
Storage Properties	Design	Actual	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)						
Design High Water Elevation	796.07	796.07	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)						
Area at Design High Water Elevation (Ac)	0.55	0.55	X			
Active Storage Available (Ac-Ft)*	1.50	1.50	X			
Lowest Elevation at Top of Embankment (If Applicable)	796.50	796.50	X			
Average Elevation at Top of Embankment (If Applicable)						
Maximum Bottom Elevation	793.25	793.2	X			
Average Pond Bottom Elevation	793.25	793.2	X			
Pond Bottom Area (Ac)	0.33	0.33	X			
Maximum Pond Depth	3.25	3.3	X			
Average Pond Depth	3.25	3.3	X			
Average Permanent Pool Depth (Wet Ponds)						

Sketch Outlet or Attach to Document

POND OUTLET



POND DISCHARGE

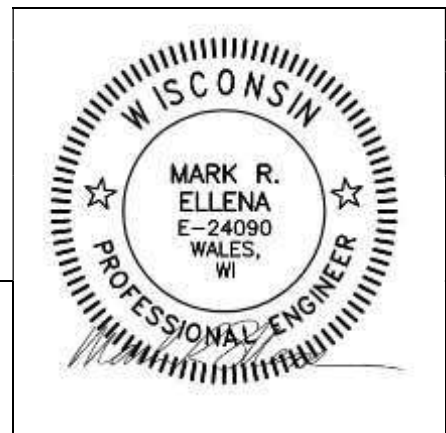


Attach As-built Survey to the Document for the first report submission

Inspection Firm: ELLENA ENGINEERING
Phone Number: 236-719-6183
Address: 700 PILGRIM PKWY S100
ELM GROVE, WI 53183

Inspector Name : MARK R. ELLENA PE
Inspection Date: _____

Certifying Professional
Name: MARK R. ELLENA, PE
Phone Number: 262-719-6183



Date:
03-19-18

Signature: