



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 B – NORTH SIDE
Pond ID: SWP01S008

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)	8"	8"	X	PVC (ORIFICE CONTROLS OUTLET FLOW)
Upstream Invert	790.80	791.26	X	
Downstream Invert	789.87	790.36	X	
Length (feet)	233.7	165.0	X	
Slope (%)	0.40%	0.55%	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)	24	24	X	CONCRETE
Elevation	796.50	796.50	X	
Upper Discharge Control	(If Applicable)			
Opening Diameter (inches)	4.0	4.0	X	
Elevation	794.25	794.25	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	796.50	796.50	X		RIPRAP SPILLWAY	
Length of spillway (feet)	4.0	7.0	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	10"		WEST SIDE		END SECTION PRESENT	
Outfall 2						
Outfall 3						
Storage Properties	Design	Actual	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)						
Design High Water Elevation	796.62	796.62	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)						
Area at Design High Water Elevation (Ac)	0.32	0.32	X			
Active Storage Available (Ac-Ft)*	0.84	0.84	X			
Lowest Elevation at Top of Embankment (If Applicable)	797.00	796.9	X			
Average Elevation at Top of Embankment (If Applicable)						
Maximum Bottom Elevation	793.50	793.6	X			
Average Pond Bottom Elevation	793.50	793.4	X			
Pond Bottom Area (Ac)	0.14	0.14	X			
Maximum Pond Depth	3.50	3.60	X			
Average Pond Depth	3.50	3.60	X			
Average Permanent Pool Depth (Wet Ponds)						

Sketch Outlet or Attach to Document

POND OUTLET



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:



