



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	<input checked="" type="checkbox"/>	Pond ID: <u>SWP01S009 &amp;</u> <u>SWP01S011</u>	Location of Pond	BASIN A – SOUTH SIDE
Wet Pond	<input type="checkbox"/>			
Other	<input type="checkbox"/>			

Year Pond Constructed 2017 Year of Last Certification \_\_\_\_\_

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

Compliance Verification	Design	Actual	Compliant Yes	No	Comments
<b>Lower Discharge Control</b>	(If Applicable)				
Opening Diameter (inches)					
Elevation					
<b>Other (Description)</b>					
Opening Type and Size (inches)					
Elevation					
<b>Emergency Spillway</b>					
Elevation	796.00	796.00	X		RIPRAP SPILLWAY
Length of spillway (feet)	10.0	10.0	X		
<b>Embankment</b>	Present Yes no		Comments/Maintenance Requirements		
Unauthorized Plantings, trees, or woody vegetation		X			
Animal burrows or slope erosion		X			
<b>Storm Sewer Outfalls</b>	Type & Size		Location	Comments	
Outfall 1	15"		WEST SIDE	COMPLIANT	
Outfall 2	6"		CENTRAL NORTH	COMPLIANT	
Outfall 3	12"		NORTH EAST	COMPLIANT	
<b>Storage Properties</b>	Design	Actual	Compliant Yes	No	Not Applicable
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:

