



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 04SE  
Property Tax ID Number MNFV0016196  
Date 8/4/2021

Name of Business/Subdivision School District of Menomonee Falls  
Address of Property Shady Lane Elementary School  
W172 N8959 Shady Lane  
Menomonee Falls, WI 53051

Dry Pond	X
Wet Pond	
Other	

Location of Pond

Off the Parking lot adjacent to  
Roosevelt Dr. and Christopher  
Blvd.

Pond ID: SWP04S007

Year Pond Constructed 2017

Year of Last Certification

N/A

Compliance Verification	Design	Actual	Compliant Yes	No	Comments ( Condition of Structure)
<b>Primary Outlet Pipe</b>					Outlet Pipe Material
Opening Diameter (inches)	12"	12"	X		- RCP Pipe - Good Condition
Upstream Invert	869.70	869.65	X		
Downstream Invert	869.00	869.05	X		
Length (feet)	55'	57'	X		
Slope (%)	1.27%	1.05%	X		
<b>Secondary Outlet Pipe</b>	(If Applicable)				Outlet Pipe Material
Opening Diameter (inches)					
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
<b>Riser</b>	(If Applicable)				Riser Material
Opening Diameter (inches)					
Elevation					
<b>Upper Discharge Control</b>	(If Applicable)				
Opening Diameter (inches)	48"	48"	X		- RCP precast structure with trash grate on top.
Elevation	872.20	872.17	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						
Length of spillway (feet)						
<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	12" RCP		Outfall Structure			
Outfall 2						
Outfall 3						
<b>Storage Properties</b>	Design	Actual	Compliant Yes No	Not Applicable	Equipment Used	
Normal Water Elevation (Wet Ponds)	NA				-Survey level and Rod was used to verify pond bottom and top embankment elevations. 5 elevation shots were recorded and averaged. -See attached survey elevations	
Design High Water Elevation	872.36	872.36	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)	NA				-Average Embankment Elevation and Average Pond Bottom Elevations indicate that the pond was built per SWMP and capacity of the pond is compliant with original SWMP.	
Area at Design High Water Elevation (Ac)	0.03	0.03	X			
Active Storage Available (Ac-Ft)*	0.054	0.056				
Lowest Elevation at Top of Embankment (If Applicable)	873.00	873.29				
Average Elevation at Top of Embankment (If Applicable)	873.20	873.46	X			
Maximum Bottom Elevation	871.70	871.63	X			
Average Pond Bottom Elevation	871.70	871.56	X			
Pond Bottom Area (Ac)	0.018	0.018	X			
Maximum Pond Depth	1.40 ft	2.23 ft				
Average Pond Depth	1.40 ft	1.90 ft				
Average Permanent Pool Depth (Wet Ponds)	NA					

\*To Determine Active Storage  $V=(H/3)(A1+A2+(\sqrt{A1+A2}))$

Wet Ponds Use  $H = \text{Height of Section}$ ,  $A1 = \text{area at normal water elevation}$ ,  $A2 = \text{area at top section}$

Dry Ponds Use  $H = \text{Height of Section}$ ,  $A1 = \text{pond bottom area}$ ,  $A2 = \text{area at top section}$

Sketch Outlet or Attach to Document

- See attached  
Original Plans

Place Photograph of Pond or Attach to Document

- See Attached

Place Photograph of Pond or Attach to Document

- See Attached

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

Inspection Firm: Kapur  
Phone Number: 414-751-7205  
Address: 7711 N. Port Washington Rd  
Milwaukee, WI 53217

Inspector Name: Chris Sberna  
Inspection Date: 7/23/21

Certifying Professional  
Name: Chris Sberna  
Phone Number: 414-751-7205

Date: 8-4-2021

Signature:





Affix Seal Here

10-3-2012

Shady Lane School Metro. Falls SWMP 7/23/21

6.16	878.84	STMM#2 Rim	872.68
6.69	872.15	Top outlet Structure	
top 8.61	9.12	6" IE N STORED outfall shroud	
9.19	869.72	12" IE w Core 2" Lp (1) Street	
7.30	871.54	Bottom Bio	
7.28	871.56	Bottom Bio	
7.21	871.63	Bottom Bio	
7.32	871.52	Bottom Bio	
7.29	871.55	Bottom Bio	
5.09	873.75	Top embank	
5.35	873.49	Top embank	
81 3.46 -	5.55	873.29	Top embank
	5.47	873.37	" "
	5.43	873.41	" "
6.40	872.44	Bottom R. p. eap N @ Bio	
4.80	874.04	Top R. p. eap N @ Curb	
6.85	871.99	Bottom R. p. eap N @ Bio	
5.29	873.55	Top R. p. eap S @ curb	
top 8.54	9.79	869.05	12" IE @ 3mm NH1
6.67	872.17	Top outlet Structure	

Shady Lane Elementary School Site Photos



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