



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 Name of Business/Subdivision School District of Menomonee Falls
Property Tax ID Number MNFV0016196 Address of Property Shady Lane Elementary School
Date 8/4/2021 W172 N8959 Shady Lane
Menomonee Falls, WI 53051

Dry Pond	X
Wet Pond	
Other	

Pond ID: SWP04S007

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

Year Pond Constructed 2017 Year of Last Certification N/A

Compliance Verification	Design	Actual	Compliant Yes No		Comments (Condition of Structure)
Primary Outlet Pipe					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		
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)					
Elevation					
Upper Discharge Control	(If Applicable)				- RCP precast structure with trash grate on top.
Opening Diameter (inches)	48"	48"	X		
Elevation	872.20	872.17	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						
Length of spillway (feet)						
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	12" RCP		Outfall Structure			
Outfall 2						
Outfall 3						
Storage Properties	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 -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.
Design High Water Elevation	872.36	872.36	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)	NA					
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 $V = (H/3)(A1 + A2 + (\sqrt{A1 \cdot A2}))$

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

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 Inspector Name : Chris Sberna
Phone Number: 414-751-7205 Inspection Date: 7/23/21
Address: 7711 N. Port Washington Rd
Milwaukee, WI 53217

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



Date: 8-4-2021 Signature: Chris Sberna

Shady Lane School Memo. 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	869.72	6" IE N STARD outfall struct	
	9.19	869.68	12" IE W CONC outfall struct	
	7.30	871.54	Bottom Bio	
871.56	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	
873.46	5.55	873.29	Top embank	
	5.47	873.37	" "	
	5.43	873.41	" "	
	6.40	872.44	Bottom Riprap N @ Bio	
	4.80	874.04	Top Riprap N @ Curb	
	6.85	871.99	Bottom Riprap S @ Bio	
	5.29	873.55	Top Riprap S @ Curb	
Top 8.54	9.79	869.05	12" IE STMM#1	
	6.67	872.17	Top outfall Structure	

Shady Lane Elementary School Site Photos



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