



Village of Menomonee Falls
W156 N8480 Pilgrim Road
Menomonee Falls, WI 53051-3140
Telephone: (262) 532-4200

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

NE 1/4 & NW 1/4

Quarter Section of Section 5 Name of Business/Subdivision Capri Communities
Property Tax ID Number MNFV Address of Property W195 N9550 Rolling Meadow
0018999008 Circle, Menomonee Falls, WI
53051

Dry Pond	X
Wet Pond	
Other	

Location Of Pond Located in the north west
corner of the site

Description: POND A
SWP05N010

Year Pond Constructed 2020

Year of Last Certification _____

Compliance Verification	Design	Actual	Compliant Yes	No	Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	18"	18"	X		
Upstream Invert	868.50	868.52	X		
Downstream Invert	867.80	867.94	X		
Length (feet)	23.3'	19.8'	X		
Slope (%)	3.00%	2.92%	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)				
Opening Diameter (inches)					
Elevation					

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	870.5	870.66				
Length of spillway (feet)	15'	18.5'				
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	18" RCP		NORTH OF POND			
Outfall 2						
Outfall 3						
Storage Properties	Design	Actual	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)	868.5	868.52				
Design High Water Elevation	870.91	870.91				
Area at Normal Water Elevation (Ac) (Wet Ponds)						
Area at Design High Water Elevation (Ac)	0.096	0.096				
Active Storage Available (Ac-Ft)*	0.431	0.448				
Lowest Elevation at Top of Embankment (If Applicable)						
Average Elevation at Top of Embankment (If Applicable)						
Maximum Bottom Elevation	868.5	869.2				
Average Pond Bottom Elevation	868.5	869.0				
Pond Bottom Area (Ac)	0.054	0.065				
Maximum Pond Depth	2.41	1.91'				
Average Pond Depth	0	0				
Average Permanent Pool Depth (Wet Ponds)						

*To Determine Active Storage $V = \left(\left(\frac{H}{3} \right) \left(A_1 + A_2 + \left(\left(A_1 + A_2 \right)^{\left(\frac{1}{2} \right)} \right) \right) \right)$
 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

CHANNELIZE AND DEPRESS RIP-RAP ALONG MIDLINE TO PREVENT FLOW FROM CIRCUMVENTING THE PATH OF THE RIP-RAP.

LENGTH PER PLAN

1' 1' VARIES 1'

STANDARD IRON ENDWALL

RIP-RAP OVER GEOTEXTILE

MAKE TOP OF RIP-RAP FLUSH WITH EXISTING GROUND SURFACE AT EDGES.

RIP-RAP 1.5' MIN.

PER GEOTEXTILE FABRIC

NOTES:

1. INSTALL RIP-RAP WHERE SHOWN ON PLANS.
2. FOR PERMANENT POOL (WET) DETENTION BASINS: EXTEND RIP-RAP FROM OUTFALL TO AT LEAST 10 FEET BEYOND THE NORMAL WATER LEVEL.
3. RIP-RAP SHALL BE MEDIUM RIP-RAP PER WISDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.
4. GEOTEXTILE FABRIC SHALL BE TYPE R PER WISDOT STANDARD SPECIFICATIONS PER HIGHWAY AND STRUCTURE CONSTRUCTION.

E RIP-RAP DISCHARGE APRON

NOT TO SCALE



Affix Seal Here