



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	NE ¼ Section 24	Name of Business/Subdivision	Tailored Label Products
Property Tax ID Number	MNFV0093975006	Address of Property	W126 N7180 Highland Drive
Date	June 16, 2022		Menomonee Falls, WI 53051

Dry Pond		Location of Pond	South side of the site, along south property line
Wet Pond	X		
Other			

Pond ID: SWP Wet Pond
SWP24N013

Year Pond Constructed	2022	Year of Last Certification	2022
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Compliance Verification	Design	Actual	Compliant Yes No		Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	12"	12"	X		Outlet Pipe Material = HDPE
Upstream Invert	788.69	788.79	X		
Downstream Invert	782.19	782.12	X		
Length (feet)	144.4	145.3	X		
Slope (%)	4.50	4.59	X		
Secondary Outlet Pipe	(If Applicable) NA				Outlet Pipe Material
Opening Diameter (inches)					
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
Riser	(If Applicable) NA				Riser Material
Opening Diameter (inches)					
Elevation					
Upper Discharge Control	(If Applicable)				
Opening Diameter (inches)	7"	7"	X		See model analysis of as-built conditions
Elevation	790.75	790.58	X		

Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)	4.5"	4.5"	X			
Elevation	789.00	788.85	X			
Other (Description)						
Opening Type and Size (inches)	6' Sharp-crested weir	6' Sharp-crested weir			See model analysis of as-built conditions	
Elevation	793.50	793.34	X			
Emergency Spillway						
Elevation	794.75	794.47	X		See model analysis of as-built conditions	
Length of spillway (feet)	30'	32'	X		See model analysis of as-built conditions	
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 STO FES 100	12" FES		NW Corner of pond			
Outfall 2 STO FES 200	36" FES		NE Corner of pond			
Storage Properties	Design	Actual	Compliant Yes No		Not Applicable	Comments
Normal Water Elevation (Wet Ponds)	789.00	788.85	X			See model analysis of as-built conditions
Design High Water Elevation	793.55	793.48	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)	1.1	1.1	X			
Area at Design High Water Elevation (Ac)	1.4	1.4	X			
Active Storage Available (Ac-Ft)*	6.0	6.1	X			
Lowest Elevation at Top of Embankment (If Applicable)	795.75	795.34*	X			<div>*Note (as-built condition): 100-yr HWE = 793.48 E. Spillway Elev. = 794.47 Top of Embank. = 795.34</div>
Average Elevation at Top of Embankment (If Applicable)	795.75	795.50	X			
Maximum Bottom Elevation	774.00	777.08	X			***Depth = top of embankment to pond bottom
Average Pond Bottom Elevation	774.00	777.08	X			
Pond Bottom Area (Ac)	0.41	-				The design had an extra deep pool in order to produce extra fill for the project. It was not needed so the contractor did not excavate as deep as designed.
Maximum Pond Depth	21.75	18.26***	X			
Average Pond Depth	21.75	17.44	x			
Average Permanent Pool Depth (Wet Ponds)	15.00	10.79	X			

*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

TLP Storm Water Management Facility

SWP Wet Pond



View looking west.



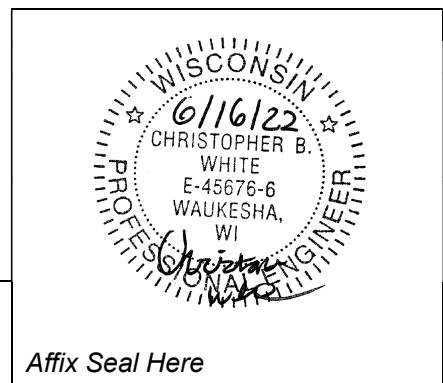
View looking east.

<p><i>Sketch Outlet or Attach to Document</i></p>	<p><i>Place Photograph of Pond or Attach to Document</i></p> <p><i>See attached</i></p>
	<p><i>Place Photograph of Pond or Attach to Document</i></p> <p><i>See attached</i></p>

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

Inspection Firm:	R.A. Smith, Inc.	Inspector Name :	Chaput Land Surveys / Bob Harley & Chris White – SDS Division, raSmith
Phone Number:	(262) 781-1000	Inspection Date:	June 2022
Address:	16745 W Bluemound Road		
	Brookfield, WI 53005		

Certifying Professional
 Name: Christopher White
 Phone Number: (262) 317-3286



<p>Date:</p> <p>June 16, 2022</p>	<p>Signature: Christopher White</p>
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Affix Seal Here