



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

STORMWATER MANAGEMENT FACILITIES OPERATION AND INSPECTION REPORT

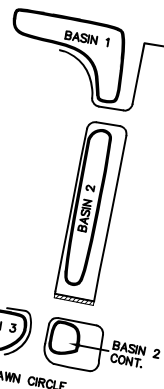
Quarter Section SE 1/4 Name of Business/Subdivision Entrust Manufacturing
Property Tax ID Number 0104997016 Address of Property Technologies, Inc.
N58 W14630 Shawn Circle
Menomonee Falls, WI

Dry Pond	
Wet Pond	
Other	X

Description: Dry Basin
SWP26S014

Location Of Pond Basin #2

Year Pond Constructed 2010 Year of Last Certification 2015



Compliance Verification	Design	Actual	Compliant		Comments (Condition of Structure)
			Yes	No	
Primary Outlet Pipe					
Opening Diameter	2-18"	2-18"	x		
Upstream Invert	778.2	778.25	x		
Downstream Invert	778.2	778.05	x		
Length	50'	45'	x		
Slope	-	0.44%	x		
Secondary Outlet Pipe	(If Applicable)				
Opening Diameter					
Upstream Invert					
Downstream Invert					
Length					
Slope					
Riser	(If Applicable)				
Opening Diameter					
Elevation					
Upper Discharge Control	(If Applicable)				
Opening Diameter					
Elevation					

Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter						
Elevation						
Other (Description)						
Opening Type						
Elevation						
Emergency Spillway						
Elevation	780.3	780.2	x			
Length of spillway	10'	10'	x			
Embankment			Present Yes No			
Unauthorized plantings, trees, or woody vegetation				x		
Animal burrows or slope erosion				x		
Storage Properties	Design	Actual	Compliant Yes No		Points Surveyed	Equipment Used Total Station
Normal Water Elevation (Wet Ponds)	NA					
Design High Water Elevation	780.75	780.67	x		6	Spillway Elevation
Area at Normal Water Elevation (Ac) (Wet Ponds)	NA					
Area at Design High Water Elevation (Ac)	0.16	0.16	x		21	
Active Storage Available (Ac-Ft)*	0.23	0.24				
Lowest Elevation at Top of Embankment (If Applicable)	780.3	780.2	x			
Average Elevation at Top of Embankment (If Applicable)	781.0	780.5	x		15	
Maximum Bottom Elevation	778.5	777.5	x		16	
Average Pond Bottom Elevation	778.5	778.0	x			
Pond Bottom Area (Ac)	0.06	0.06	x			
Maximum Pond Depth	2.25	2.7	x			
Average Pond Depth	2.25	2.7	x			

*To Determine Active Storage $V = H/3(A1 + A2 + (A1 \times A2)^{1/2})$

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



Inspection Firm: CJ Engineering
Phone Number: (414) 443-1312
Address: 9205 W. Center St.
Ste. 214
Milwaukee, WI

Inspector Name : Patrick J. Shay
Inspection Date: 09/22/2020
11/09/2020

Certifying
Professional Name: Christopher A. Jackson
Phone Number: (414) 443-1312

Date:
11/11/2020

Signature: 

