



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	SW 1/4 Sec 36	Name of Business/Subdivision	Dynamic Tool
Property Tax ID Number	0143-999-012	Address of Property	W133 N5180 Campbell Drive
Date: 08/10/17			Menomonee Falls, WI 53051

Dry Pond	X
Wet Pond	
Other	

Location of Pond	
Pond ID: <u>SWA2012-03</u>	<u>SE Corner of Lot</u> <u>East of Rear Parking</u>

Year Pond Constructed	<u>202</u>	Year of Last Certification	<u>2012</u>
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Compliance Verification	Design	Actual	Compliant Yes No		Comments (Condition of Structure)
Primary Outlet Pipe					Outlet Pipe Material
Opening Diameter (inches)	3"	3"	X		Good Condition, No obstructions
Upstream Invert	758.38	758.38	X		
Downstream Invert	757.75	757.75	X		
Length (feet)	126'	126'	X		
Slope (%)	0.5%	0.5%	X		
Secondary Outlet Pipe	(If Applicable)				Outlet Pipe Material
Opening Diameter (inches)					Not Applicable
Upstream Invert					
Downstream Invert					
Length (feet)					
Slope (%)					
Riser	(If Applicable)				Riser Material
Opening Diameter (inches)	15"	15"	X		Good Condition
Elevation	761.94	762.21	X		
Upper Discharge Control	(If Applicable)				Not Applicable
Opening Diameter (inches)					
Elevation					

Compliance Verification	Design	Actual	Compliant Yes No		Comments	
Lower Discharge Control	(If Applicable)					
Opening Diameter (inches)	8"	8"	X			
Elevation	758.48	758.48	X			
Other (Description)						
Opening Type and Size (inches)					Not Applicable	
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	15" PVC		West side of Pond		Good Condition	
Outfall 2						
Outfall 3						
Storage Properties	Design	Actual	Compliant Yes No		Not Applicable	Equipment Used
Normal Water Elevation (Wet Ponds)					X	
Design High Water Elevation	791.94	761.94	X			
Area at Normal Water Elevation (Ac) (Wet Ponds)					X	
Area at Design High Water Elevation (Ac)	0.13	0.11	X			
Active Storage Available (Ac-Ft)*	0.15	0.18	X			
Lowest Elevation at Top of Embankment (If Applicable)						
Average Elevation at Top of Embankment (If Applicable)						
Maximum Bottom Elevation						
Average Pond Bottom Elevation						
Pond Bottom Area (Ac)						
Maximum Pond Depth						
Average Pond Depth	1.94'	3.46	X			
Average Permanent Pool Depth (Wet Ponds)					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 Outlet or Attach to Document



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

Inspection Firm: One Source Consulting Inspector Name : Craig Donze, PE
Phone Number: (262) 781-9005 Inspection Date: 07/20/2017
Address: 19435 W. Capitol Drive
Suite L05
Brookfield, WI 53045

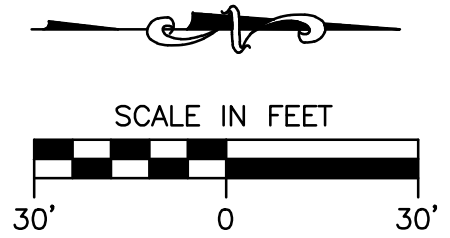
Certifying Professional Name: Craig Donze
Phone Number: (262) 781-9005



Affix Seal Here

Date: 08/18/17

Signature: Craig Donze



Contour Elevation	Area	Volume	Storage Volume
761.94	4998.77	7757.90	
761	3343.14		
760	1821.97		
759	391.09		

