



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	Location of Pond	
Wet Pond		SE Corner of Lot	
Other		East of Rear Parking	

Year Pond Constructed 202 _____ Year of Last Certification 2012 _____

Compliance Verification	Design	Actual	Compliant Yes No	Comments (Condition of Structure)
Primary Outlet Pipe				
Opening Diameter (inches)	3"	3"	X	
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)			
Opening Diameter (inches)				
Upstream Invert				
Downstream Invert				
Length (feet)				Not Applicable
Slope (%)				
Riser	(If Applicable)			
Opening Diameter (inches)	15"	15"	X	
Elevation	761.94	762.21	X	Good Condition
Upper Discharge Control	(If Applicable)			
Opening Diameter (inches)				Not Applicable
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 $V=H/3(A1+A2+(A1xA2)1/2)$

Wet Ponds Use $H = \text{Height of Section}$, $A1 = \text{area at normal water elevation}$, $A2 = \text{area at top section}$

Dry Ponds Use $H = \text{Height of Section}$, $A1 = \text{pond bottom area}$, $A2 = \text{area at top section}$

Sketch Outlet or Attach to Document



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

Inspection Firm: One Source Consulting
Phone Number: (262) 781-9005
Address: 19435 W. Capitol Drive
Suite L05
Brookfield, WI 53045

Inspector Name : Craig Donze, PE
Inspection Date: 07/20/2017

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

Date: 08/18/17

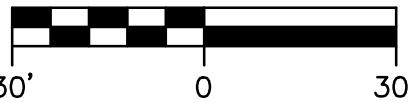
Signature:



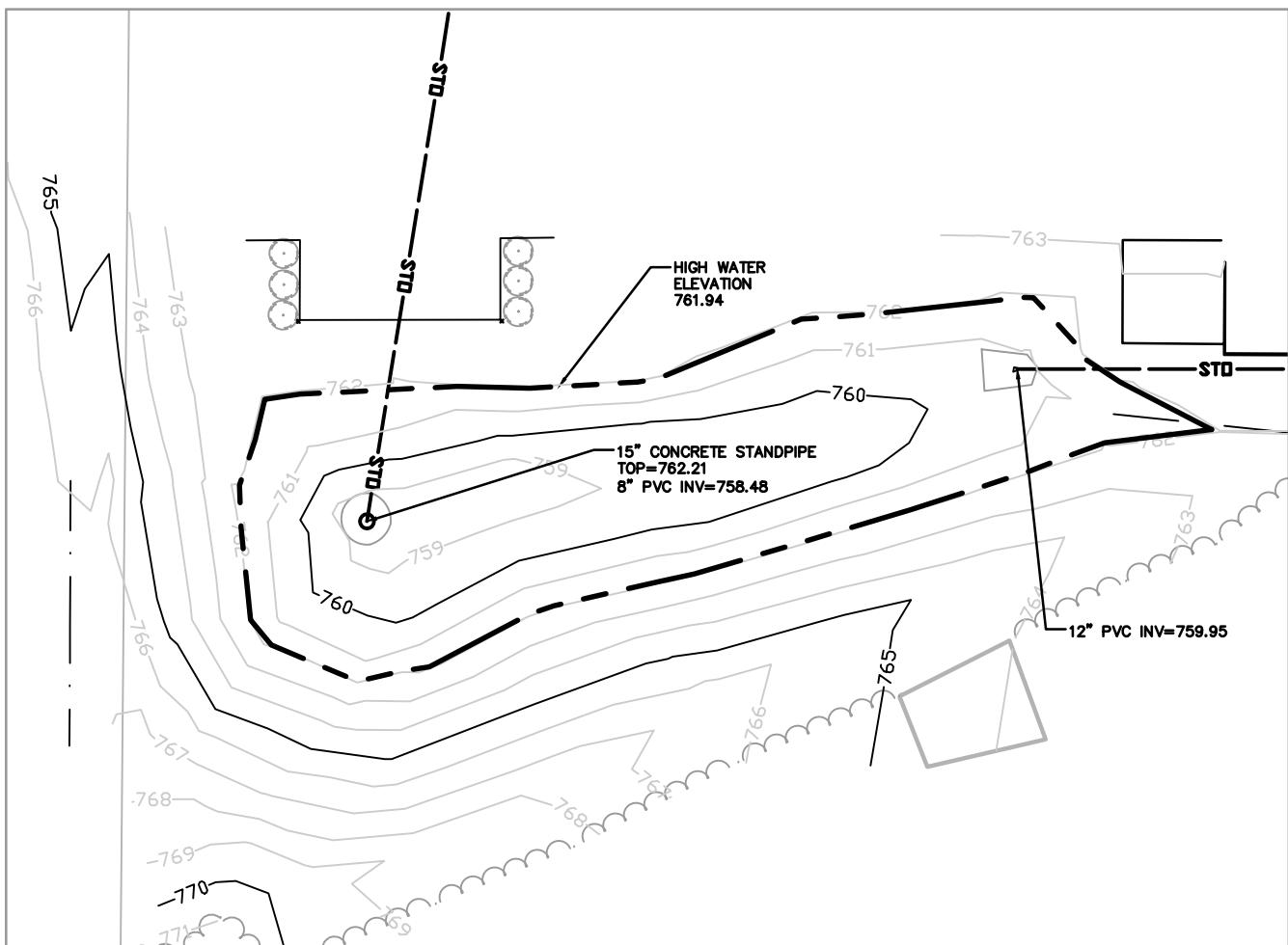
Affix Seal Here



SCALE IN FEET



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



Construction Minded | Value Sensitive | Civil Engineers
19435 W. CAPITOL DR.
BROOKFIELD, WI 53045
(262) 781-9005
(262) 781-9006 (F)
www.onesourceconsult.com

PROJECT

DYNAMIC TOOL
& DESIGN INC.
MENOMONEE FALLS, WI

SHEET TITLE
**POND VOLUME
EXHIBIT**

PROJECT NUMBER
726-12

526-12

DATE
08/15/17

SHEET NUMBER