



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 SEC 36 Name of Business/Subdivision ENHANCED AUTOMATION  
 Property Tax ID Number 0142999016 Address of Property W136 N5239 CAMPBELL CT.

Dry Pond	<input checked="" type="checkbox"/>
Wet Pond	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>

Description: STORMCEPTOR

Location Of Pond SE CORNER OF SITE @ ROW

Year Pond Constructed 2004

Year of Last Certification 2011

Compliance Verification	Design	Actual	Compliant		Comments (Condition of Structure)
			Yes	No	
<b>Primary Outlet Pipe</b>					
Opening Diameter	8"	8"	<input checked="" type="checkbox"/>		OUTLET PIPE IS CLEAN & CLEAR
Upstream Invert	744.10	744.02	<input checked="" type="checkbox"/>		
Downstream Invert	743.90	743.81	<input checked="" type="checkbox"/>		
Length	35.0'	28.0'	<input checked="" type="checkbox"/>		
Slope	0.0057	0.0075	<input checked="" type="checkbox"/>		
<b>Secondary Outlet Pipe</b> (If Applicable) <u>STORMCEPTOR TO CATCH</u>					
Opening Diameter	8"	8"	<input checked="" type="checkbox"/>		PIPE IS CLEAN & CLEAR
Upstream Invert	743.80	743.81	<input checked="" type="checkbox"/>		
Downstream Invert	743.70	743.78	<input checked="" type="checkbox"/>		
Length	31.0'	30.0'	<input checked="" type="checkbox"/>		
Slope	0.0032	0.0077	<input checked="" type="checkbox"/>		
<b>Riser</b> (If Applicable)					
Opening Diameter	24"	24"	<input checked="" type="checkbox"/>		RISER IS SOUND & STABLE
Elevation	750.65	750.40	<input checked="" type="checkbox"/>		
<b>Upper Discharge Control</b> (If Applicable)					
Opening Diameter	2.2"	2.1"	<input checked="" type="checkbox"/>		OPENING IS CLEAR
Elevation	748.00	747.81			

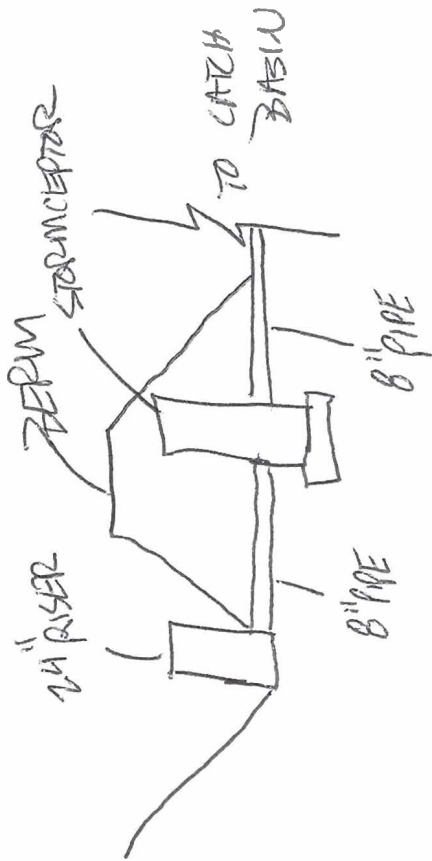
Compliance Verification	Design	Actual	Compliant		Comments	
			Yes	No		
<b>Lower Discharge Control</b>	(If Applicable)					
Opening Diameter	1.5"	1.5"	X		OPENING IS CLEAR	
Elevation			X			
<b>Other (Description)</b>	STORMCEPTOR					
Opening Type	RIM	750.2	749.8		STORMCEPTOR IS STABLE AND CLEAR	
Elevation	SUMP		743.77			
<b>Emergency Spillway</b>	N/A					
Elevation						
Length of spillway						
<b>Embankment</b>			Present			
			Yes	No		
Unauthorized plantings, trees, or woody vegetation				X		
Animal burrows or slope erosion				X		
<b>Storage Properties</b>	Design	Actual	Compliant		Points Surveyed	Equipment Used
			Yes	No		
Normal Water Elevation (Wet Ponds)						
Design High Water Elevation	750.61	750.41	X		60(TOTAL)	TOTAL STATION
Area at Normal Water Elevation (Ac) (Wet Ponds)						↓
Area at Design High Water Elevation (Ac)	0.077	0.077	X		60	
Active Storage Available (Ac-Ft)*	0.235	0.241	X			
Lowest Elevation at Top of Embankment (If Applicable)	750.2	750.03	X		9	
Average Elevation at Top of Embankment (If Applicable)	750.2	750.42	X		9	
Maximum Bottom Elevation	744.0	744.02	X		1	
Average Pond Bottom Elevation	744.0	744.02	X		1	
Pond Bottom Area (Ac)	80.0	40	X			
Maximum Pond Depth	6.2	6.74	X			
Average Pond Depth	6.2	6.4	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



Place Photograph of Pond

Place Photograph of Pond

Inspection Firm: CJ ENGINEERING LLC  
 Phone Number: 4-443-1312  
 Address: 9205 W. CENTER ST.  
SUITE 214  
MILWAUKEE WI 53222

Inspector Name: RAUDY BRUCKNER  
 Inspection Date: 11-05-14

Certifying  
 Professional Name: RANDALL S BRUCKNER  
 Phone Number: 4-443-1312



Date:

11/10/14

Signature:

Affix Seal Here