



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 W136N5239 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 Yes No | Comments (Condition of Structure) |
|--------------------------------|--------|--------|-------------------------------------|--------------------------------------|
| Primary Outlet Pipe | | | | |
| 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"/> | |
| Secondary Outlet Pipe | | | | |
| 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 | 743.48 | <input checked="" type="checkbox"/> | |
| Length | 31.0' | 30.0' | <input checked="" type="checkbox"/> | |
| Slope | 0.0032 | 0.0077 | <input checked="" type="checkbox"/> | |
| Riser | | | | |
| Opening Diameter | 24" | 24" | <input checked="" type="checkbox"/> | RISER IS SOUND & STABLE |
| Elevation | 750.65 | 757.40 | <input checked="" type="checkbox"/> | |
| Upper Discharge Control | | | | |
| Opening Diameter | 2.2" | 2.1" | <input checked="" type="checkbox"/> | OPENING IS CLEAR |
| Elevation | 748.00 | 747.81 | <input checked="" type="checkbox"/> | |

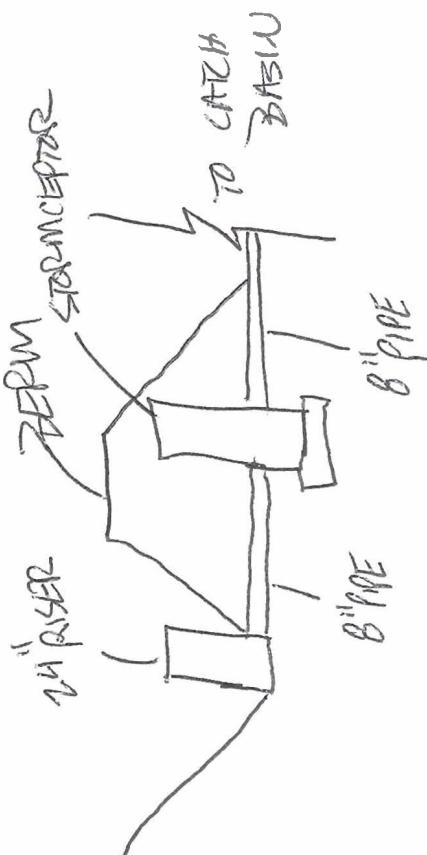
| Compliance Verification | Design | Actual | Compliant Yes No | Comments |
|--|-------------|--------|--------------------------|-------------------------------------|
| Lower Discharge Control (If Applicable) | | | | |
| Opening Diameter | 1.5" | 1.5" | X | OPENING IS CLEAR |
| Elevation | | | X | |
| Other (Description) | STORMCEPTOR | | | |
| Opening Type | RIM | 750.2 | 749.8 | STORMCEPTOR IS STABLE |
| Elevation | Sump | | 743.77 | AND CLEAR |
| Emergency Spillway | N/A | | | |
| Elevation | | | | |
| Length of spillway | | | | |
| 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 |
| 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:

GJ ENGINEERING LLC

Inspector Name :

Phone Number:

4-4413-1312

Inspection Date:

Address:

9205 W. CENTER ST.

RANDY BRUCKNER

11-05-14

SUITE 214

MILWAUKEE WI 53222

Certifying

Professional Name:

RANDALL S. BRUCKNER

Phone Number:

4-4413-1312

Date:

11/10/14

Signature:

Randy Bruckner



Affix Seal Here