



Rec 8-16-01  
 Village of Menomonee Falls  
 W156 N8480 Pilgrim Road  
 Menomonee Falls, WI 53051-3140  
 Telephone: (262) 532-4200  
 Radiant Heat

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 checked="" type="checkbox"/>
Other	<input checked="" type="checkbox"/>

Description: STORMCEPTOR SWP 36 N002  
Dry Pond SWP 36 N001

Location Of  
 Pond

SOUTHEAST CORNER OF  
SITE @ ROADWAY  
R.O.W.

*Same as  
 Bruce  
 5239  
 Investments*

Year Pond Constructed 2004

Year of Last Certification

for 2009

Compliance Verification	Design	Actual	Compliant Yes	Comments (Condition of Structure)
<i>Primary Outlet Pipe</i>				
Opening Diameter	8"	8"	<input checked="" type="checkbox"/>	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	0.0051	0.0075	<input checked="" type="checkbox"/>	
<i>Secondary Outlet Pipe</i>	(If Applicable)			
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	743.58	<input checked="" type="checkbox"/>	
Length	31.0'	30.0'	<input checked="" type="checkbox"/>	
Slope	0.0032	0.0077	<input checked="" type="checkbox"/>	
<i>Riser</i>	(If Applicable)			
Opening Diameter	24"	24"	<input checked="" type="checkbox"/>	RISER IS SOUND & STABLE
Elevation	750.65	750.40	<input checked="" type="checkbox"/>	
<i>Upper Discharge Control</i>	(If Applicable)			
Opening Diameter	2.2"	2.1"	<input checked="" type="checkbox"/>	OPENING IS CLEAR
Elevation	748.00	747.81		

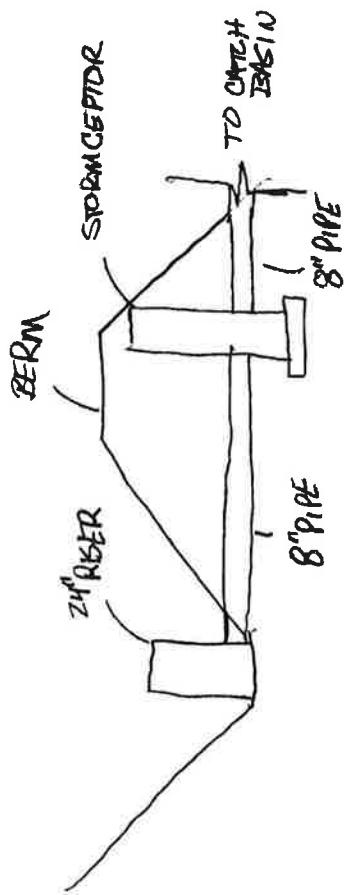
Compliance Verification	Design	Actual	Compliant Yes      No	Comments
<b>Lower Discharge Control</b>	(If Applicable)			
Opening Diameter	1.5"	1.5"	X	OPENING IS CLEAR
Elevation	744.50	744.29	X	
<b>Other (Description)</b>	<del>STORMCEPTOR</del>			
Opening Type	RIM GRADE	750.2	749.8	STORMCEPTOR IS STABLE
Elevation	Sump		743.77	AND CLEAN
<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	
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(TOTAL) TOTAL STATION
Active Storage Available (Ac-Ft)*	0.235	0.241	X	
Lowest Elevation at Top of Embankment (If Applicable)	750.2	750.03	X	9      TOTAL STATION
Average Elevation at Top of Embankment (If Applicable)	750.2	750.42	X	9      TOTAL STATION
Maximum Bottom Elevation	744.0	744.02	X	1      TOTAL STATION
Average Pond Bottom Elevation	744.0	744.02	X	1      TOTAL STATION
Pond Bottom Area (Ac)	80.0	40	X	
Maximum Pond Depth	6.2	6.74	X	
Average Pond Depth	6.2	6.40	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



Place Photograph of Pond

Place Photograph of Pond

Inspection Firm: CJ ENGINEERING LLC Inspector Name: RANDY BRUCKNER  
Phone Number: 414-443-1312 Inspection Date: 08-12-11  
Address: 9205 W. CENTER ST.  
SUITE 214  
MILWAUKEE WI 53222

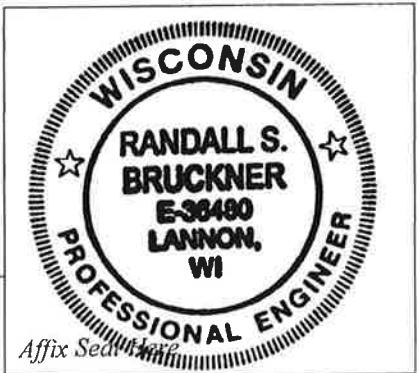
Certifying  
Professional Name: RANDALL S. BRUCKNER  
Phone Number: 414-443-1312

Date:

08-12-11

Signature:

Randy Bruckner



Affix Seal Here





## Greifenhagen, Nancy

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**From:** Randy Bruckner [randy@cj-engineering.com]  
**Sent:** Tuesday, August 16, 2011 9:47 AM  
**To:** Greifenhagen, Nancy  
**Cc:** fbruce@enhancedautomation.com; 'Chris Jackson'  
**Subject:** Enhanced Automation Operation & Inspection Report  
**Attachments:** photo.JPG; photo2.JPG; Enhanced Automation Operation & Inspection Report.pdf

Nancy,  
Per requirement of Menomonee Falls, please see attached report and pictures of the storm water facility of Enhanced Automation for your review and approval.

If you should have any questions or comments please feel free to contact me directly.

Thanks,

Randy

Randall S. Bruckner PE

**CJ Engineering**  
9205 W. Center Street  
Suite 214  
Milwaukee, WI 53222  
Ph: (414) 443-1312 x223  
Fax: (414) 443-1317  
[randy@cj-engineering.com](mailto:randy@cj-engineering.com)



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

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July 25, 2011

Frank Bruce II  
Bruce 5239 Investments, LLC  
W136N5239 Campbell Court  
Menomonee Falls WI 53051

RE: Stormwater Facility Inspections

Dear Frank,

Thank you for your letter regarding an extension to fulfill the Stormwater Facility Inspection Reports.

You have requested a new deadline date of August 31<sup>st</sup>, 2011 which is acceptable. If you have any further questions, please do not hesitate to contact me.

Sincerely,

Nancy Greifenhagen  
Environmental Coordinator  
Stormwater Utilities Management Department



**ENHANCED  
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W136N5239 Campbell Ct. Menomonee Falls, WI 53051 USA  
1-888-783-5970 Tel: 1 (262) 783-5970 Fax: 1 (262) 783-5974  
[www.enhancedautomation.com](http://www.enhancedautomation.com)

July 21<sup>st</sup>, 2011

Village of Menomonee Falls  
Nancy Greifenhagen  
Environmental Coordinator  
Stormwater Utilities Mgnt. Department  
W156 N8480 Pilgrim Road  
Menomonee Falls, WI 53051-3140

Dear Nancy:

This is to confirm and supplement our discussion of July 18<sup>th</sup> regarding the Inspection of the stormwater Facilities at N52W13670 North Park Drive. As I mentioned the first inspection request was sent to the original owner of the property about two weeks after the purchase was completed by Bruce 5239 Investments. Unfortunately, the request was never forwarded.

The suggestion you gave me of having the fabricator of the building perform the inspection was a good one. Unfortunately, Jansen Construction is under receivership and doesn't answer their phone. I have been given the names of several surveyors that can perform the requested evaluation but don not have a firm quote as of this date.

Therefore, I would like to formally request that Bruce 5239 Investments, LLC be given an extension till August 31<sup>st</sup> to have the inspection and report completed and submitted to your office.

Sincerely,

Frank Bruce III  
Bruce 5239 Investments, LLC  
W136N5239 Campbell Court  
Menomonee Falls, WI 53051