

July 29, 2016

Via Electronic Mail

Marc A. Lovallo
Environmental Specialist
Compliance Assurance, Northeast District
Florida Dept of Environmental Protection
7777 Baymeadows Way W, Suite 100
Jacksonville, FL 32256

**Re: Gainesville Renewable Energy Center, LLC (GREC)
Air Permit No. 0010131-006-AV (PSD-FL-411)
ORIS: 57241
Q2 2016 Excess Emission Reports, Semi-Annual Data Assessment & Title V Deviation
Monitoring Reports**

Dear Mr. Lovallo:

Below please find a summary of our 2nd Quarter 2016 excess emission reports:

<u>Report</u>	<u>Duration/Comment</u>
NOx lb/mmBtu 30-day Summary	Compliant
CO lb/mmBtu 30-day Summary	Compliant
NOX & CO lb/mmBtu Excess Emissions	19 hours
SO2 lb/mmBtu 24-hr Summary	Compliant
Opacity 6 minute Summary	Compliant
NOX, SO2 TPY 12-Month Rolling	Compliant
NOX lb/MW hr 30 day Summary	Compliant
SO2 lb/MW hr 30 day Summary	Compliant
Steam Flow Production Summary	Compliant

The detailed reports are attached for your review. If you have any questions or require additional information, please contact the Plant Engineer, Ali Leaphart, at (386) 315-8019 or me at (617) 904-3100, ext. 122.

I certify, based on information and belief formed after reasonable inquiry, the statements and information in this report are true, accurate, and complete.

Sincerely,



Leonard J. Fagan
Vice President of Engineering
GREC Asset Manager

LJF/cw
enclosures

Continuous Emission Monitor Quarterly Report Summary
Gaseous and Opacity Excess Emission and Monitoring System Performance

Pollutant: NOx lb/MMBtu 30 Day EPA Report

Emission Limitation: 0.070

Analyzer Make/Model: CAI 600

Analyzer Serial Number: Y08012

Reporting Period Dates: From 04/01/2016 to 06/30/2016 23:59:59

Company Name: Gainesville

Address: 11201 NW 13th Street

Gainesville, FL 32653

Process Unit Description: Biomass Boiler

Date of Last CEMS Certification or Audit: 11/6/2014

Total Source Operating Time in Reporting Period: 43 Hours

CMS Performance Summary

1. CEMS downtime in reporting period due to:	Duration	% Unavailable ¹
1. Monitor Equipment Malfunctions	0	0.00 %
2. Non-Monitor CEMS Equipment Malfunctions	0	0.00 %
3. Calibration/QA	0	0.00 %
4. Other Known Causes	0	0.00 %
5. Unknown Causes	0	0.00 %
2. Total CEMS Downtime	0	0.00 % ²

% Unavailable = CEMS Downtime during Source Operating Time/Source Operating Time x 100

Emission Data Summary

1. Duration of excess emissions in reporting period due to:	Duration	% Excess Emissions ¹
1. Startup/Shutdown	0	0.00 %
2. Control Equipment Problems	0	0.00 %
3. Process Problems	0	0.00 %
4. Other Known Causes	0	0.00 %
5. Unknown Causes	0	0.00 %
6. Unit Offline	0	0.00 %
2. Total duration of excess emissions.....	0	0.00 % ²

% Excess Emissions = Total Duration of Excess Emissions/Source Operating Time x 100

¹ For opacity, record all times in minutes. For gases, record all times in hours.

² For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in §60.7(c) shall be submitted.

Continuous Emission Monitor Quarterly Report Summary
Gaseous and Opacity Excess Emission and Monitoring System Performance

Pollutant: CO lb/MMBtu 30 Day EPA Report

Emission Limitation: 0.080

Analyzer Make/Model: CAI 601

Analyzer Serial Number: Z01007

Reporting Period Dates: From 04/01/2016 to 06/30/2016 23:59:59

Company Name: Gainesville

Address: 11201 NW 13th Street

Gainesville, FL 32653

Process Unit Description: Biomass Boiler

Date of Last CEMS Certification or Audit: 11/6/2014

Total Source Operating Time in Reporting Period: 43 Hours

CMS Performance Summary

1. CEMS downtime in reporting period due to:	Duration	% Unavailable ¹
1. Monitor Equipment Malfunctions	0	0.00 %
2. Non-Monitor CEMS Equipment Malfunctions	0	0.00 %
3. Calibration/QA	0	0.00 %
4. Other Known Causes	0	0.00 %
5. Unknown Causes	0	0.00 %
2. Total CEMS Downtime	0	0.00 % ²

% Unavailable = CEMS Downtime during Source Operating Time/Source Operating Time x 100

Emission Data Summary

1. Duration of excess emissions in reporting period due to:	Duration	% Excess Emissions ¹
1. Startup/Shutdown	0	0.00 %
2. Control Equipment Problems	0	0.00 %
3. Process Problems	0	0.00 %
4. Other Known Causes	0	0.00 %
5. Unknown Causes	0	0.00 %
6. Unit Offline	0	0.00 %
2. Total duration of excess emissions.....	0	0.00 % ²

% Excess Emissions = Total Duration of Excess Emissions/Source Operating Time x 100

¹ For opacity, record all times in minutes. For gases, record all times in hours.

² For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in §60.7(c) shall be submitted.

NOx & CO lb/MMBtu Excess Emissions – 2nd Quarter, 2016

Startup/Shutdown Exclusions:

	<u>CO Hourly</u>	<u>NOx Hourly</u>	<u>Description</u>	<u>Corrective Action</u>
5/25	19 1000 – 0.979 1100 – 0.805 1200 – 0.799 1300 – 0.72 1400 – 0.729 1500 – 0.7 1600 – 0.59 1700 – 0.566 1800 – 0.431 1900 – 0.448 2000 – 0.44 2100 – 0.429 2200 – 0.416 2300 – 0.357 0000 – 0.5 0100 - 0.565 0200 - 0.466 0300 - 0.266 0400 – 0.089 0500 - 0600 -- 0700 - 0800	0.083 8 Hours Common 0.09 0.081 0.084 0.115 0.133 0.209 0.113 0.082 0.089 0.094 0.083	Cold Startup	Permit Condition: B.13.a
5/26	19	12		
Total	19			

Total Quarterly Excluded Hours = 19

Total 12-month Rolling Excluded Hours, Ending 2nd Quarter = 97

Continuous Emission Monitor Quarterly Report Summary
Gaseous and Opacity Excess Emission and Monitoring System Performance

Pollutant: SO2 lb/MMBtu 24 Hour EPA Report

Emission Limitation: 0.029

Analyzer Make/Model: CAI 600

Analyzer Serial Number: Z01006

Reporting Period Dates: From 04/01/2016 to 06/30/2016 23:59:59

Company Name: Gainesville

Address: 11201 NW 13th Street

Gainesville, FL 32653

Process Unit Description: Biomass Boiler

Date of Last CEMS Certification or Audit: 11/6/2014

Total Source Operating Time in Reporting Period: 43 Hours

CMS Performance Summary

1. CEMS downtime in reporting period due to:	Duration	% Unavailable ¹
1. Monitor Equipment Malfunctions	0	0.00 %
2. Non-Monitor CEMS Equipment Malfunctions	0	0.00 %
3. Calibration/QA	0	0.00 %
4. Other Known Causes	0	0.00 %
5. Unknown Causes	0	0.00 %
2. Total CEMS Downtime	0	0.00 % ²

% Unavailable = CEMS Downtime during Source Operating Time/Source Operating Time x 100

Emission Data Summary

1. Duration of excess emissions in reporting period due to:	Duration	% Excess Emissions ¹
1. Startup/Shutdown	0	0.00 %
2. Control Equipment Problems	0	0.00 %
3. Process Problems	0	0.00 %
4. Other Known Causes	0	0.00 %
5. Unknown Causes	0	0.00 %
6. Unit Offline	0	0.00 %
2. Total duration of excess emissions.....	0	0.00 % ²

% Excess Emissions = Total Duration of Excess Emissions/Source Operating Time x 100

¹ For opacity, record all times in minutes. For gases, record all times in hours.

² For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in §60.7(c) shall be submitted.

Continuous Emission Monitor Quarterly Report Summary
Gaseous and Opacity Excess Emission and Monitoring System Performance

Pollutant: Opacity 6 Minute >10/20 EPA Report

Emission Limitation: 10.00

Analyzer Make/Model: DURAG D-R 290

Analyzer Serial Number: 1220055

Reporting Period Dates: From 4/1/2016 to 6/30/2016 11:59:59 PM

Company Name: Gainesville

Address: 11201 NW 13th Street
 Gainesville, FL 32653

Process Unit Description: Boiler Opacity

Date of Last CEMS Certification or Audit: 11/6/2014

Total Source Operating Periods: 661 Periods

CMS Performance Summary

1. CEMS downtime in reporting period due to:	Duration	% Unavailable ¹
1. Monitor Equipment Malfunctions	0	0.00 %
2. Non-Monitor CEMS Equipment Malfunctions	0	0.00 %
3. Calibration/QA	0	0.00 %
4. Other Known Causes	25	3.78 %
5. Unknown Causes	0	0.00 %
2. Total CEMS Downtime	25	3.78 % ²

% Unavailable = CEMS Downtime during Source Operating Periods/Source Operating Periods x 100

Emission Data Summary

1. Duration of excess emissions in reporting period due to:	Duration	% Excess Emissions ¹
1. Startup/Shutdown	0	0.00 %
2. Control Equipment Problems	0	0.00 %
3. Process Problems	0	0.00 %
4. Other Known Causes	0	0.00 %
5. Unknown Causes	0	0.00 %
6. Unit Offline	0	0.00 %
2. Total duration of excess emissions.....	0	0.00 % ²

% Excess Emissions = Total Excess Emission Periods/Source Operating Periods x 100

¹ For opacity, record all times in minutes. For gases, record all times in hours.

² For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating periods or the total CMS downtime is 5 percent or greater of the total operating periods, both the summary report form and the excess emission report described in §60.7(c) shall be submitted.

Continuous Emission Monitor Quarterly Report Summary
Gaseous and Opacity Excess Emission and Monitoring System Performance

Pollutant: Opacity 6 Minute >20/27 EPA Report
 Emission Limitation: 20.00
 Analyzer Make/Model: DURAG D-R 290
 Analyzer Serial Number: 1220055
 Reporting Period Dates: From 4/1/2016 to 6/30/2016 11:59:59 PM

Company Name: Gainesville
 Address: 11201 NW 13th Street
 Gainesville, FL 32653
 Process Unit Description: Boiler Opacity

Date of Last CEMS Certification or Audit: 11/6/2014
 Total Source Operating Periods: 661 Periods

CMS Performance Summary

1. CEMS downtime in reporting period due to:	Duration	% Unavailable ¹
1. Monitor Equipment Malfunctions	0	0.00 %
2. Non-Monitor CEMS Equipment Malfunctions	0	0.00 %
3. Calibration/QA	0	0.00 %
4. Other Known Causes	25	3.78 %
5. Unknown Causes	0	0.00 %
2. Total CEMS Downtime	25	3.78 % ²

% Unavailable = CEMS Downtime during Source Operating Periods/Source Operating Periods x 100

Emission Data Summary

1. Duration of excess emissions in reporting period due to:	Duration	% Excess Emissions ¹
1. Startup/Shutdown	0	0.00 %
2. Control Equipment Problems	0	0.00 %
3. Process Problems	0	0.00 %
4. Other Known Causes	0	0.00 %
5. Unknown Causes	0	0.00 %
6. Unit Offline	0	0.00 %
2. Total duration of excess emissions.....	0	0.00 % ²

% Excess Emissions = Total Excess Emission Periods/Source Operating Periods x 100

¹ For opacity, record all times in minutes. For gases, record all times in hours.

² For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating periods or the total CMS downtime is 5 percent or greater of the total operating periods, both the summary report form and the excess emission report described in §60.7(c) shall be submitted.

Boiler Opacity 6 Minute Downtime Report

Facility Name: Gainesville
Source: Opac
Parameter: OPACITY

Location: Gainesville, FL

Data in the Reporting Period: 04/01/2016 00:00 to 06/30/2016 23:59

Incid. No.	Start Date	End Date	Duration Periods	Reason	EPA Downtime Category	Corrective Action
1	04/04/2016 12:18	04/04/2016 12:23	1	Other Known Causes	Other Known Causes	Incomplete Period - Equipment Testing
2	04/04/2016 12:30	04/04/2016 12:35	1	Other Known Causes	Other Known Causes	Incomplete Period - Equipment Testing
3	04/11/2016 12:12	04/11/2016 12:17	1	Other Known Causes	Other Known Causes	Incomplete Period - Equipment Testing
4	04/11/2016 12:24	04/11/2016 12:29	1	Other Known Causes	Other Known Causes	Incomplete Period - Equipment Testing
5	04/18/2016 13:12	04/18/2016 13:17	1	Other Known Causes	Other Known Causes	Incomplete Period - Equipment Testing
6	04/18/2016 13:24	04/18/2016 13:29	1	Other Known Causes	Other Known Causes	Incomplete Period - Equipment Testing
7	04/27/2016 09:12	04/27/2016 09:23	2	Other Known Causes	Other Known Causes	Incomplete Period - Equipment Testing
8	05/02/2016 12:24	05/02/2016 12:29	1	Other Known Causes	Other Known Causes	Incomplete Period - Equipment Testing
9	05/02/2016 12:36	05/02/2016 12:41	1	Other Known Causes	Other Known Causes	Incomplete Period - Equipment Testing
10	05/09/2016 12:24	05/09/2016 12:29	1	Other Known Causes	Other Known Causes	Incomplete Period - Equipment Testing
11	05/09/2016 12:36	05/09/2016 12:41	1	Other Known Causes	Other Known Causes	Incomplete Period - Equipment Testing
12	05/16/2016 11:24	05/16/2016 11:29	1	Other Known Causes	Other Known Causes	Incomplete Period - Equipment Testing
13	05/16/2016 11:42	05/16/2016 11:47	1	Other Known Causes	Other Known Causes	Incomplete Period - Equipment Testing
14	05/23/2016 12:42	05/23/2016 12:53	2	Other Known Causes	Other Known Causes	Incomplete Period - Equipment Testing
15	05/25/2016 10:00	05/25/2016 10:05	1	Other Known Causes	Other Known Causes	Incomplete Period - Startup
16	05/27/2016 05:48	05/27/2016 05:53	1	Other Known Causes	Other Known Causes	Incomplete Period - Shutdown
17	06/08/2016 09:24	06/08/2016 09:29	1	Other Known Causes	Other Known Causes	Incomplete Period - Equipment Testing
18	06/08/2016 09:42	06/08/2016 09:47	1	Other Known Causes	Other Known Causes	Incomplete Period - Equipment Testing
19	06/13/2016 10:30	06/13/2016 10:35	1	Other Known Causes	Other Known Causes	Incomplete Period - Equipment Testing
20	06/20/2016 12:06	06/20/2016 12:17	2	Other Known Causes	Other Known Causes	Incomplete Period - Equipment Testing

Boiler Opacity 6 Minute Downtime Report

21	06/28/2016 12:36	06/28/2016 12:41	1	Other Known Causes	Other Known Causes	Incomplete Period - Equipment Testing
22	06/28/2016 12:48	06/28/2016 12:53	1	Other Known Causes	Other Known Causes	Incomplete Period - Equipment Testing

Total Downtime in the Reporting Period = 25 Periods

Total Operating Time in the Reporting Period = 661 Periods

Data Availability for this Reporting Period = 96.22 %

Monthly & 12-Month Rolling Report

Company: Gainesville Renewable Energy Center, LLC
 11201 NW 13th Street
 Gainesville, FL 32653

Source: EU-002
Data Group: All Data Groups
Report Name: Summary: Monthly and 12-Month Rolling
 Totals
Start of Report: 7/1/2015 00:00
End of Report: 6/30/2016 23:59

	NOx Tons/month	SO2 Tons/month	NOx 12-Month Rolling	SO2 12-Month Rolling
7/01/2015 00:00	27.29	0.00	269.91	0.19
8/01/2015 00:00	6.22	0.00	250.93	0.17
9/01/2015 00:00	1.54	0.00	229.37	0.14
10/01/2015 00:00	0.00	0.00	216.45	0.14
11/01/2015 00:00	7.06	0.00	196.54	0.14
12/01/2015 00:00	0.00	0.00	169.53	0.14
1/01/2016 00:00	0.00	0.00	148.56	0.14
2/01/2016 00:00	0.00	0.00	125.43	0.14
3/01/2016 00:00	1.49	0.00	101.95	0.14
04/01/2016 00:00	0.00	0.00	88.29	0.14
05/01/2016 00:00	1.11	0.00	69.95	0.14
06/01/2016 00:00	0.00	0.00	44.74	0.00

Continuous Emission Monitor Quarterly Report Summary
Gaseous and Opacity Excess Emission and Monitoring System Performance

Pollutant: NOx lb/MWhr 30 Day EPA Report

Emission Limitation: 1.00

Analyzer Make/Model: CAI 600

Analyzer Serial Number: Y08012

Reporting Period Dates: From 04/01/2016 to 06/30/2016 23:59:59

Company Name: Gainesville

Address: 11201 NW 13th Street

Gainesville, FL 32653

Process Unit Description: Biomass Boiler

Date of Last CEMS Certification or Audit: 11/6/2014

Total Source Operating Time in Reporting Period: 43 Hours

CMS Performance Summary

1. CEMS downtime in reporting period due to:	Duration	% Unavailable ¹
1. Monitor Equipment Malfunctions	0	0.00 %
2. Non-Monitor CEMS Equipment Malfunctions	0	0.00 %
3. Calibration/QA	0	0.00 %
4. Other Known Causes	0	0.00 %
5. Unknown Causes	0	0.00 %
2. Total CEMS Downtime	0	0.00 % ²

% Unavailable = CEMS Downtime during Source Operating Time/Source Operating Time x 100

Emission Data Summary

1. Duration of excess emissions in reporting period due to:	Duration	% Excess Emissions ¹
1. Startup/Shutdown	0	0.00 %
2. Control Equipment Problems	0	0.00 %
3. Process Problems	0	0.00 %
4. Other Known Causes	0	0.00 %
5. Unknown Causes	0	0.00 %
6. Unit Offline	0	0.00 %
2. Total duration of excess emissions.....	0	0.00 % ²

% Excess Emissions = Total Duration of Excess Emissions/Source Operating Time x 100

¹ For opacity, record all times in minutes. For gases, record all times in hours.

² For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in §60.7(c) shall be submitted.

Continuous Emission Monitor Quarterly Report Summary
Gaseous and Opacity Excess Emission and Monitoring System Performance

Pollutant: SO₂ lb/MWhr 30 Day EPA Report

Emission Limitation: 1.40

Analyzer Make/Model: CAI 600

Analyzer Serial Number: Z01006

Reporting Period Dates: From 04/01/2016 to 06/30/2016 23:59:59

Company Name: Gainesville

Address: 11201 NW 13th Street
Gainesville, FL 32653

Process Unit Description: Biomass Boiler

Date of Last CEMS Certification or Audit: 11/6/2014

Total Source Operating Time in Reporting Period: 43 Hours

CMS Performance Summary

1. CEMS downtime in reporting period due to:	Duration	% Unavailable ¹
1. Monitor Equipment Malfunctions	0	0.00 %
2. Non-Monitor CEMS Equipment Malfunctions	0	0.00 %
3. Calibration/QA	0	0.00 %
4. Other Known Causes	0	0.00 %
5. Unknown Causes	0	0.00 %
2. Total CEMS Downtime	0	0.00 % ²

% Unavailable = CEMS Downtime during Source Operating Time/Source Operating Time x 100

Emission Data Summary

1. Duration of excess emissions in reporting period due to:	Duration	% Excess Emissions ¹
1. Startup/Shutdown	0	0.00 %
2. Control Equipment Problems	0	0.00 %
3. Process Problems	0	0.00 %
4. Other Known Causes	0	0.00 %
5. Unknown Causes	0	0.00 %
6. Unit Offline	0	0.00 %
2. Total duration of excess emissions.....	0	0.00 % ²

% Excess Emissions = Total Duration of Excess Emissions/Source Operating Time x 100

¹ For opacity, record all times in minutes. For gases, record all times in hours.

² For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in §60.7(c) shall be submitted.

Steam Flow 4-HR Rolling Exceedance Report

Facility Name: Gainesville **Location:** Gainesville, FL
Source: BFB1
Parameter: STEAM **Limit:** 930

Data in the Reporting Period: 04/01/2016 00:00 to 06/30/2016 23:59

Inc. No.	Start Date	End Date	Duration	Average	EPA Category	Reason for Incident	Corrective Action
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No Incidents in the Reporting Period

Total Duration in the Reporting Period = 0 Hours

Total Operating Time in the Reporting Period = 43 Hours

DATA ASSESSMENT REPORT Prepared in accordance with 40 CFR Part 60, Appendix F

Gainesville Renewable Energy Center LLC	Source Unit No.:	EU-002
11201 NW 13th Street	Pollutant:	CO lb/MMBtu
Gainesville, FL 32653	Reporting Period:	1st Quarter 2016

CEMS Information

Manufacturer: California Analytical Instruments (CAI) Type: Dry extractive
 Model No. 601 Sampling Location: Stack
 Serial No. Z01007 Span Value: 200 ppm

Part I: Accuracy Assessment Results

A. Relative accuracy test audit for CO in lb/MMBtu

1. Date of audit	11/6/2014
2. Reference method(s)	USEPA Method 10
3. Average reference method value	0.011
4. Average CEMS Value	0.011
5. Absolute value of mean difference [d]	-0.001
6. Confidence coefficient [CC]	0.0003
7. Percent relative accuracy (RA)	1.40%
8. EPA performance audit results	
a) Audit lot number	
b) Audit sample number	
c) Results (mg/dsm ³)	
d) Actual value (mg/dsm ³)*	
e) Relative error*	

* To be completed by the Agency.

B. Cylinder gas audit for CO in ppm

	Audit Point 1	Audit Point 2	
1. Date of audit	1/27/2016	1/27/2016	(mm/dd/yyyy)
2. Cylinder ID number	AAL072617	AAL17536	
3. Date of certification	10/14/2013	10/11/2013	(mm/dd/yyyy)
4. Type of certification	EPA Protocol 1	EPA Protocol 1	(e.g., Protocol 1)
5. Certified audit value	49.3	109.7	(e.g., ppm or percent)
6. CEMS response value	49.833	110.233	(e.g., ppm or percent)
7. Accuracy	1.08%	0.49%	(percent)

C. Relative Accuracy Audit (RAA)

The facility does not perform relative accuracy audits.

D. Corrective action for excessive inaccuracy

There were no audit failures during the reporting period.

DATA ASSESSMENT REPORT Prepared in accordance with 40 CFR Part 60, Appendix F

Gainesville Renewable Energy Center LLC	Source Unit No.:	EU-002
11201 NW 13th Street	Pollutant:	CO lb/MMBtu
Gainesville, FL 32653	Reporting Period:	1st Quarter 2016

Part II: Calibration Drift Assessment

A & B. Summary of out-of-control periods caused by excessive calibration drift

#	Beginning Date & Hour	Ending Date & Hour	Duration (hours)	Corrective Action
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

Gainesville Renewable Energy Center LLC	Source Unit No.:	EU-002
11201 NW 13th Street	Pollutant:	CO lb/MMBtu
Gainesville, FL 32653	Reporting Period:	2nd Quarter 2016

CEMS Information

Manufacturer: California Analytical Instruments (CAI) Type: Dry extractive
 Model No. 601 Sampling Location: Stack
 Serial No. Z01007 Span Value: 200 ppm

Part I: Accuracy Assessment Results

A. Relative accuracy test audit for CO in lb/MMBtu

1. Date of audit	11/6/2014
2. Reference method(s)	USEPA Method 10
3. Average reference method value	0.011
4. Average CEMS Value	0.011
5. Absolute value of mean difference [d]	-0.001
6. Confidence coefficient [CC]	0.0003
7. Percent relative accuracy (RA)	1.40%
8. EPA performance audit results	
a) Audit lot number	
b) Audit sample number	
c) Results (mg/dsm ³)	
d) Actual value (mg/dsm ³)*	
e) Relative error*	

* To be completed by the Agency.

B. Cylinder gas audit for CO in ppm

	Audit Point 1	Audit Point 2	
1. Date of audit	6/14/2016	6/14/2016	(mm/dd/yyyy)
2. Cylinder ID number	AAL072617	AAL17536	
3. Date of certification	10/14/2013	10/11/2013	(mm/dd/yyyy)
4. Type of certification	EPA Protocol 1	EPA Protocol 1	(e.g., Protocol 1)
5. Certified audit value	49.3	109.7	(e.g., ppm or percent)
6. CEMS response value	46.467	105.867	(e.g., ppm or percent)
7. Accuracy	5.75%	3.49%	(percent)

C. Relative Accuracy Audit (RAA)

The facility does not perform relative accuracy audits.

D. Corrective action for excessive inaccuracy

There were no audit failures during the reporting period.

Part II: Calibration Drift Assessment

A & B. Summary of out-of-control periods caused by excessive calibration drift

#	Beginning Date & Hour	Ending Date & Hour	Duration (hours)	Corrective Action
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				