



December 21, 2016

Mr. Bachir Bouzid
NJDEP – Air Quality Permitting and Planning
Bureau of Stationary Sources
Operating Permits Section
401 E. State Street, 2nd Floor
P.O. Box 420, Mail Code 401-02
Trenton, NJ 08625-0420

RE: Woodbridge Energy Center (PI No. 18940)
Request for Significant Modification to Title V Permit BOP160006

Dear Mr. Bouzid:

On behalf of CPV Shore, LLC, Trinity Consultants, Inc. (Trinity) is submitting the attached Title V Permit Significant Modification Application for the Woodbridge Energy Center (WEC) located in Woodbridge Township, Middlesex County, New Jersey. In accordance with Operating Permit BOP160006 permit condition U1, OS Summary, Reference #3, WEC has completed four quarterly stack tests for PM-10 and PM-2.5 and, based on the results presented below, is requesting that the stack testing frequency be reduced to once permit term.

PM-10/PM-2.5 STACK TEST SUMMARY

WEC performed PM10 and PM-2.5 stack testing on Units 1 and 2 during duct fired and non-duct fired operation. The stack test results for the first four quarters of operation are summarized below¹:

Table 1. Summary of PM-10 Quarterly Stack Test Results

Operating Scenario	PM-10 Permit Limit (lb/hr)	1 st Quarter 2016 Results (lb/hr)	2 nd Quarter 2016 Results (lb/hr)	3 rd Quarter 2016 Results (lb/hr)	4 th Quarter 2016 Results (lb/hr)
Combustion Turbine 1 – Without Duct Firing (U1 OS2)	12.1	3.14	2.00	2.69	1.92
Combustion Turbine 1 – With Duct Firing (U1 OS1)	19.1	4.49	3.68	4.71	2.20
Combustion Turbine 2 – Without Duct Firing (U1 OS6)	12.1	3.12	2.06	2.26	2.67
Combustion Turbine 2 – With Duct Firing (U1 OS5)	19.1	4.48	3.31	6.45	3.21

¹ Complete stack test reports have been submitted to NJDEP in accordance with the Title V Operating Permit.

Table 2. Summary of PM-2.5 Quarterly Stack Test Results

Operating Scenario	PM-2.5 Permit Limit (lb/hr)	1st Quarter 2016 Results (lb/hr)	2nd Quarter 2016 Results (lb/hr)	3rd Quarter 2016 Results (lb/hr)	4th Quarter 2016 Results (lb/hr)
Combustion Turbine 1 – Without Duct Firing (U1 OS2)	12.1	3.06	2.32	2.86	2.44
Combustion Turbine 1 – With Duct Firing (U1 OS1)	19.1	4.73	3.96	4.80	2.38
Combustion Turbine 2 – Without Duct Firing (U1 OS6)	12.1	3.27	2.34	2.58	2.87
Combustion Turbine 2 – With Duct Firing (U1 OS5)	19.1	4.65	3.73	6.04	2.67

As shown, actual PM-10 and PM-2.5 stack test results have been consistently below their respective permitted emission rates. Because stack test results are significantly below permit limits (on average less than 25% of permit limits) WEC is requesting that the PM-10 and PM2.5 stack testing frequency be reduced from quarterly to once per permit term (at least 18 months prior to permit expiration) . No changes to the turbine's PM-10 and PM-2.5 permit limits are being requested with this significant modification application.

COMPLIANCE PLAN CHANGES

In accordance with 7:27-22.23 (f)(2), we are providing in Attachment 2 a mark-up of the current operating permit (BOP 160006) compliance plan reflecting the proposed changes.

If you should have any questions or require further information regarding this submission, please feel free to contact Mr. Kenneth Earl of WEC at (732) 661-3301 or me at (407) 913-9547.

Sincerely,

TRINITY CONSULTANTS



Carla Adduci
Managing Consultant

cc: K. Earl, WEC
R. Bullock, WEC

Attachments

ATTACHMENT 1

RADIUS Application

HEADQUARTERS >

12770 Merit Drive | Suite 900 | Dallas, TX 75251 | P (972) 661-8100 | F (972) 385-9203

North America | Europe | Middle East | Asia

**New Jersey Department of Environmental Protection
Reason for Application**

Permit Being Modified

Permit Class: BOP **Number:** 160006

Description of Modifications: In accordance with Operating Permit BOP160006 permit condition U1, OS Summary, Reference #3, WEC performed PM10 and PM-2.5 stack testing on Units 1 and 2 during duct fired and non-duct fired operation. The stack test results for the first four quarters of operation are summarized in Table 1 / Table 2 of the attached cover letter to this application.

The stack test results show that actual PM-10 and PM-2.5 have been consistently below their respective permitted emission rates. Because stack test results are significantly below permit limits (on average less than 25% of permit limits) WEC is requesting that the PM-10 and PM2.5 stack testing frequency be reduced from quarterly to once per permit term (at least 18 months prior to permit expiration). No changes to the turbine's PM-10 and PM-2.5 permit limits are being requested with this significant modification application.

**New Jersey Department of Environmental Protection
Facility Profile (General)**

Facility Name (AIMS): Woodbridge Energy Center

Facility ID (AIMS): 18940

Street INDUSTRIAL HWY
Address: WOODBRIDGE, NJ

Mailing CPV SHORE, LLC
Address: 1070 RIVERSIDE DR
KEASBEY, NJ 08832

County: Middlesex
Location 27.5 Acre Industrial Parcel of land, which will
Description: be subdivided from a larger 180 acre parcel of
land owned by El Paso and presently being
remediated.

State Plane Coordinates:	
X-Coordinate:	557,672
Y-Coordinate:	4,485,142
Units:	Other
Datum:	NAD83
Source Org.:	Submittal Document
Source Type:	Digital Image

Industry:	
Primary SIC:	
Secondary SIC:	
NAICS:	221112

**New Jersey Department of Environmental Protection
Facility Profile (General)**

Contact Type: Consultant**Organization:** Trinity Consultants**Org. Type:** Corporation**Name:** Carla Adduci**NJ EIN:****Title:** Managing Consultant**Phone:** (407) 982-2891 x**Mailing Address:** 100 Overlook Center
2nd Floor
Princeton, NJ 08540**Fax:** () - x**Other:** () - x**Type:****Email:** xxxxxxxx@xxxxxxxxxxxxxxxxxxxxx.xxx

Contact Type: General Contact**Organization:** Consolidated Asset Management Services**Org. Type:** Corporation**Name:** Kenneth Earl**NJ EIN:****Title:** Plant Manager - Woodbridge Energy Center**Phone:** (732) 661-3301 x**Mailing Address:** 1070 Riverside Dr
Keasbey, NJ 08832**Fax:** (732) 738-1829 x**Other:** (732) 397-1865 x**Type:****Email:** xxxxxx@xxxxxxxxxxxxxxxxxxx

Contact Type: Operator**Organization:** Consolidated Asset Management Services**Org. Type:** Corporation**Name:** Consolidated Asset Management Services**NJ EIN:****Title:****Phone:** () - x**Mailing Address:** 1070 Riverside Dr
Keasbey, NJ 08832**Fax:** () - x**Other:** () - x**Type:****Email:**

**New Jersey Department of Environmental Protection
Facility Profile (General)**

Contact Type: Owner (Current Primary)

Organization: CPV Shore, LLC

Org. Type: Corporation

Name: CPV Shore, LLC

NJ EIN:

Title:

Phone: () - x

Mailing Address: 50 Braintree Hill Office Park
Suite 300
Braintree, MA 02184

Fax: () - x

Other: () - x

Type:

Email:

Contact Type: Responsible Official

Organization: Consolidated Asset Management Services

Org. Type: Corporation

Name: Kenneth Earl

NJ EIN:

Title: Plant Manager - Woodbridge Energy Center

Phone: (732) 661-3301 x

Mailing Address: 1070 Riverside Dr
Keasbey, NJ 08832

Fax: (732) 738-1829 x

Other: (732) 397-1865 x

Type:

Email: xxxxx@xxxxxxxxxxxxxxx.xxx

**New Jersey Department of Environmental Protection
Facility Profile (Permitting)**

- | | |
|---|--|
| 1. Is this facility classified as a small business by the USEPA? | No |
| 2. Is this facility subject to N.J.A.C. 7:27-22? | Yes |
| 3. Are you voluntarily subjecting this facility to the requirements of Subchapter 22? | No |
| 4. Has a copy of this application been sent to the USEPA? | Yes |
| 5. If not, has the EPA waived the requirement? | |
| 6. Are you claiming any portion of this application to be confidential? | No |
| 7. Is the facility an existing major facility? | Yes |
| 8. Have you submitted a netting analysis? | No |
| 9. Are emissions of any pollutant above the SOTA threshold? | Yes |
| 10. Have you submitted a SOTA analysis? | No |
| 11. If you answered "Yes" to Question 9 and "No" to Question 10, explain why a SOTA analysis was not required | Emissions not changed as part of this submittal. |
| | |
| 12. Have you provided, or are you planning to provide air contaminant modeling? | No |

ATTACHMENT 2

Operating Permit Compliance Plan Changes

BOP160006

GR5

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
7	PM-10 (Total) <= 99.1 tons/yr based on a consecutive 12 month period, rolling one month basis. From BOP150001 N.J.A.C. 7:27-22.16(a). [40 CFR 52.21]	PM-10 (Total): Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). Annual emissions of total PM10 from the facility shall include PM10 emitted by the two turbines (CC) and duct burners(DB), one emergency diesel generator, one auxiliary boiler, one fire water pump, and one cooling tower. The annual emissions shall be calculated as follows: PM10 (Total) tons/month = [1020 Btu/cft x [(*lbs/MMBtu for each of the two combustion turbines with its duct burner on x sum of actual MMcf of natural gas consumed per month for the two combustion turbines with duct burners on) + (*lbs/MMBtu for each of the two combustion turbines with its duct burner off x actual MMcf of natural gas consumed per month for the two combustion turbines with duct burners off)] + (0.005 lbs/MMBtu x MMcf of gas consumed by auxiliary boiler/month)+ (0.10 lbs/hr x monthly operating hours for diesel Fire Water Pump) + (0.13 lbs/hr x monthly operating hrs for Emergency Diesel Generator)+ (1.5 lbs/hr x monthly operating hours for the cooling tower)]/(2000 lbs/ton). * the lbs/MMBtu shall be the average value from all valid quarterly stack results for both turbines during first 4 quarters of operation. PM10 (Total) tons/year: shall be computed by adding the PM10 tons/month for a given month to the PM10 in tons in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	PM-10 (Total): Recordkeeping by manual logging of parameter or storing data in a computer data system annually. [N.J.A.C. 7:27-22.16(o)]	None.

the lbs/MMBtu shall be the average of the three lb/MMBtu values from the most recent stack test.

BOP160006

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
8	PM-2.5 (Total) <= 94.9 tons/yr based on a consecutive 12 month period, rolling one month basis. [N.J.A.C. 7:27-22.16(a)]	PM-2.5 (Total): Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). Annual emissions of total PM2.5 from the facility shall include PM2.5 emitted by the two turbines (CC) and duct burners (DB), one emergency diesel generator, one auxiliary boiler, one fire water pump, and one cooling tower and shall be calculated as follows: PM2.5 (Total) tons/month = [1020 Btu/cft x [(lbs/MMBtu for each of the two combustion turbines with its duct burner on x sum of actual MMcf of natural gas consumed per month for the two combustion turbines with duct burners on) + (lbs/MMBtu for each of the two combustion turbines with its duct burner off x actual MMcf of natural gas consumed per month for the two combustion turbines with duct burners off)] + (0.005 lbs/MMBtu x MMcf of gas consumed by auxiliary boiler/month)+ (0.10 lbs/hr x monthly operating hours for diesel Fire Water Pump) + (0.13 lbs/hr x monthly operating hours for Emergency Diesel Generator + (0.555 lbs/hr x sum of monthly operating hours for the cooling tower)]/(2000 lbs/ton). * the lbs/MMBtu shall be the average value from all valid quarterly stack results for both turbines during first 4 quarters of operation. PM2.5 (Total) tons/year: shall be computed by adding the PM2.5 tons/month for a given month to the PM2.5 in tons in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	PM-2.5 (Total): Recordkeeping by manual logging of parameter or storing data in a computer data system annually. [N.J.A.C. 7:27-22.16(o)]	None.

the lbs/MMBtu shall be the average of the three lb/MMBtu values from the most recent stack test.

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
3	PM-10 and PM-2.5 Quarterly Stack Test Requirement for Turbines: Conduct a comprehensive stack test at emission points PT1 and PT2 for four quarters, to demonstrate compliance with the PM10 and PM-2.5 emission limits. Stack testing performed pursuant to REF #2 shall be considered the first required quarterly stack test under this reference. Additional quarterly stack testing shall be performed during any quarter in which the turbine is operated. All quarterly stack testing shall be performed pursuant to the stack test protocol approved by the Department pursuant to REF #2, unless a modified protocol is approved by the Department. After 4 quarterly stack tests have been performed, the permittee may request to reduce the frequency of this stack testing by submitting a permit modification application along with quarterly test results. The permittee shall provide EMS with the turbine load performance curve with the protocol. The stack emission testing shall be conducted at worst case operating conditions with regard to meeting the applicable emission standards, but without creating an unsafe condition. [N.J.A.C. 7:27-22.16(a)]	Monitored by stack emission testing at the approved frequency of once each quarter that the turbine is operated. Unless otherwise approved in the stack test protocol or by the Department, each test run shall be 60 minutes in sampling duration. Compliance period shall be as specified in the monitoring requirement for each applicable emission limit. [N.J.A.C. 7:27-22.16(o)]	Recordkeeping by stack test results upon occurrence of event. [N.J.A.C. 7:27-22.16(o)]	Stack Test – Submit protocol, conduct test and submit results. As per the approved schedule. Stack Test – The permittee shall contact EMS at 609-530-4041 to schedule a mutually acceptable test date for the next quarterly stack test within 60 days of performing each stack test. A full stack test report must be submitted to EMS and a certified summary test report, as described in the protocol, must be submitted to the Regional Enforcement Office within 45 days after performing the stack test pursuant to N.J.A.C. 7:27-22.19(d). The test results must be certified by a licensed professional engineer or certified industrial hygienist. The test results shall be reported in lb/hr [N.J.A.C. 7:27-22.18(e)], and [N.J.A.C. 7:27-22.18(h)]

BOP160006

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
21	PM-2.5 (Total) <= 92 tons/yr. Annual emission limit based on initial operating permit application. From BOP150001. [N.J.A.C. 7:27-22.16(a)]	PM-2.5 (Total): Monitored by calculations each month during operation, based on a consecutive 12 month period (rolling 1 month basis). Calculate by using following equation: $\text{PM2.5 tons/month} = [1020 \text{ Btu/cft} \times [(*\text{lbs/MMBtu for each of the two combustion turbines with its duct burner on} \times \text{sum of actual MMcf of natural gas consumed per month for the two combustion turbines with duct burners on}) + (*\text{lbs/MMBtu for each of the two combustion turbines with its duct burner off} \times \text{actual MMcf of natural gas consumed per month for the two combustion turbines with duct burners off})] / 2000 \text{ lbs/ton.}$ * the lbs/MMBtu shall be the average value from all valid quarterly stack results for both turbines during first yr of operation. PM2.5 tons/year = is computed by adding the PM2.5 tons/month for a given month to the PM2.5 in tons in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	PM-2.5 (Total): Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. Add total monthly emissions for a given month to total monthly emissions from the previous 11 months. Record annual emissions. [N.J.A.C. 7:27-22.16(o)] the lbs/MMBtu shall be the average of the three lb/MMBtu values from the most recent stack test.	None.

U1 OS Summary

New Jersey Department of Environmental Protection
Facility Specific Requirements

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
22	PM-10 (Total) <= 92 tons/yr. Annual emission limit based on initial operating permit application. From BOP150001 N.J.A.C. 7:27-22.16(a). [40 CFR 52.21]	PM-10 (Total): Monitored by calculations each month during operation, based on a 12 calendar month period. Calculate by using following equation: $\text{PM10 tons/month} = [1020 \text{ Btu/cft} \times [(*\text{lbs/MMBtu for each of the two combustion turbines with its duct burner on} \times \text{sum of actual MMcf of natural gas consumed per month for the two combustion turbines with duct burners on}) + (*\text{lbs/MMBtu for each of the two combustion turbines with its duct burner off} \times \text{actual MMcf of natural gas consumed per month for the two combustion turbines with duct burners off})] / 2000 \text{ lbs/ton}]$ * the lbs/MMBtu shall be the average value from all valid quarterly stack results for both turbines during first yr of operation. PM10 tons/year = is computed by adding the PM10 tons/month for a given month to the PM10 in tons in the preceding 11 months. [N.J.A.C. 7:27-22.16(o)]	PM-10 (Total): Recordkeeping by manual logging of parameter or storing data in a computer data system each month during operation. Add total monthly emissions for a given month to total monthly emissions from the previous 11 months. Record annual emissions. [N.J.A.C. 7:27-22.16(o)] the lbs/MMBtu shall be the average of the three lb/MMBtu values from the most recent stack test.	None.

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
20	TSP <= 8.2 lb/hr. N.J.A.C. 7:27-22.16(a). [40 CFR 52.21]	TSP: Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. (Please see U1/OS Summary/REF #2 for details). [N.J.A.C. 7:27-22.16(o)]	TSP: Recordkeeping by stack test results prior to permit expiration date. (Please see U1/OS Summary/REF #2 for details). [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. (Please see U1/OS Summary/REF #2 for details). [N.J.A.C. 7:27-22.16(o)]
21	PM-2.5 (Total) <= 19.1 lb/hr. [N.J.A.C. 7:27-22.16(a)]	PM-2.5 (Total): Monitored by stack emission testing at the approved frequency, based on the average of three Department validated stack test runs. (Please see U1/OS Summary/ Ref. #2, and 3 for details). [N.J.A.C. 7:27-22.16(o)]	PM-2.5 (Total): Recordkeeping by stack test results at the approved frequency. (Please see U1/OS Summary/ Ref. #2, and 3 for details). [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. (Please see U1/OS Summary/ Ref. #1, and 2 for details). [N.J.A.C. 7:27-22.16(o)]
22	PM-10 (Total) <= 19.1 lb/hr. N.J.A.C. 7:27-22.16(a). [40 CFR 52.21]	PM-10 (Total): Monitored by stack emission testing at the approved frequency, based on the average of three Department validated stack test runs. (Please see U1/OS Summary/ Ref. #2, and 3 for details). [N.J.A.C. 7:27-22.16(o)]	PM-10 (Total): Recordkeeping by stack test results at the approved frequency. (Please see U1/OS Summary/ Ref. #2, and 3 for details). [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. (Please see U1/OS Summary/ Ref. #2, and 3 for details). [N.J.A.C. 7:27-22.16(o)]
23	Ammonia <= 5 ppmvd @ 15% O ₂ . [N.J.A.C. 7:27-22.16(a)]	Other: Ammonia: Monitored by continuous process monitor continuously, based on a 3 hour rolling average based on a 1 hour block average. (Please see U1/OS Summary/ Ref. #4 for details). [N.J.A.C. 7:27-22.16(o)].	Ammonia: Recordkeeping by data acquisition system (DAS) / electronic data storage continuously. (Please see U1/OS Summary/ Ref. #4 for details). [N.J.A.C. 7:27-22.16(o)]	Submit an Excess Emissions and Monitoring Systems Performance Report (EEMPR): On or before every April 30, July 30, October 30, and January 30 for the preceding quarter year (the quarter years begin on January 1, April 1, July 1, and October 1) electronically through the NJDEP online EEMPR web portal. (Please see U1/OS Summary/ Ref. #4 for details). [N.J.A.C. 7:27-22]
24	Ammonia <= 5 ppmvd @ 15% O ₂ . [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
25	Lead compounds <= 0.0014 lb/hr. N.J.A.C. 7:27-22.16(a). [40 CFR 52.21]	None.	None.	None.
26	Sulfuric Acid Mist Emissions <= 3.4 lb/hr. N.J.A.C. 7:27-22.16(a). [40 CFR 52.21]	None.	None.	None.
27	Acrolein <= 0.0148 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
28	Formaldehyde <= 0.337 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
29	Mercury compounds <= 0.0007 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.

**New Jersey Department of Environmental Protection
Facility Specific Requirements**

Ref.#	Applicable Requirement	Monitoring Requirement	Recordkeeping Requirement	Submittal/Action Requirement
19	TSP <= 4.8 lb/hr. N.J.A.C. 7:27-22.16(a). [40 CFR 52.21]	TSP: Monitored by stack emission testing prior to permit expiration date, based on the average of three Department validated stack test runs. (Please see U1/OS Summary/ Ref. #2 for details). [N.J.A.C. 7:27-22.16(o)]	TSP: Recordkeeping by stack test results prior to permit expiration date. (Please see U1/OS Summary/ Ref. # 2 for details). [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. (Please see U1/OS Summary/ Ref. #2 for details). [N.J.A.C. 7:27-22.16(o)]
20	PM-2.5 (Total) <= 12.1 lb/hr. [N.J.A.C. 7:27-22.16(a)]	PM-2.5 (Total): Monitored by stack emission testing at the approved frequency, based on the average of three Department validated stack test runs. (Please see U1/OS Summary/ Ref. #2, and 3 for details). [N.J.A.C. 7:27-22.16(o)]	PM-2.5 (Total): Recordkeeping by stack test results at the approved frequency. (Please see U1/OS Summary/ Ref. #2, and 3 for details). [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. (Please see U1/OS Summary/ Ref. #2, and 3 for details). [N.J.A.C. 7:27-22.16(o)]
21	PM-10 (Total) <= 12.1 lb/hr. N.J.A.C. 7:27-22.16(a). [40 CFR 52.21]	PM-10 (Total): Monitored by stack emission testing at the approved frequency, based on the average of three Department validated stack test runs. (Please see U1/OS Summary/ Ref. #2, and 3 for details). [N.J.A.C. 7:27-22.16(o)]	PM-10 (Total): Recordkeeping by stack test results at the approved frequency. (Please see U1/OS Summary/ Ref. #2, and 3 for details). [N.J.A.C. 7:27-22.16(o)]	Stack Test - Submit protocol, conduct test and submit results: As per the approved schedule. (Please see U1/OS Summary/ Ref. #2, and 3 for details). [N.J.A.C. 7:27-22.16(o)]
22	Ammonia <= 5 ppmvd @ 15% O ₂ . [N.J.A.C. 7:27-22.16(a)]	Other: Ammonia: Monitored by continuous process monitor continuously, based on a 3 hour rolling average based on a 1 hour block average. (Please see U1/OS Summary/ Ref. #4 for details). [N.J.A.C. 7:27-22.16(o)].	Ammonia: Recordkeeping by data acquisition system (DAS) / electronic data storage continuously. (Please see U1/OS Summary/ Ref. #4 for details). [N.J.A.C. 7:27-22.16(o)]	Submit an Excess Emissions and Monitoring Systems Performance Report (EEMPR): Every quarter (three months) beginning on the first of the month of the first full quarter following the effective date of the approved permit. Quarters shall begin on January 1, April 1, July 1, and October 1 of each year. (Please see U1/OS Summary/ Ref. #4 for details). [N.J.A.C. 7:27-22.16(o)]
23	Ammonia <= 5 ppmvd @ 15% O ₂ . [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
24	Lead compounds <= 0.00113 lb/hr. N.J.A.C. 7:27-22.16(a). [40 CFR 52.21]	None.	None.	None.
25	Sulfuric Acid Mist Emissions <= 2.8 lb/hr. N.J.A.C. 7:27-22.16(a). [40 CFR 52.21]	None.	None.	None.
26	Acrolein <= 0.0148 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
27	Formaldehyde <= 0.3 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.
28	Methane <= 5.1 lb/hr. [N.J.A.C. 7:27-22.16(a)]	None.	None.	None.