



March 2, 2012

NHPUC MAR06'12 AM 9:48

Debra A. Howland
Executive Director & Secretary
New Hampshire Public Utilities Commission
21 South Fruit Street
Suite 10
Concord, NH 03301-2429

Subject: Steuben Landfill Generator (NY) request for Class I Certification

Dear Ms. Howland:

We have attached the completed State of New Hampshire ("NH") Public Utilities Commission Application for renewable energy source eligibility for the Steuben Landfill Generator which is owned by the SREC Generating Company, Inc. and located in Bath, New York. This facility is requesting Class I certification.

In addition to the original application, we have enclosed seven (7) copies.

I am the Preparer and the designated contact for any questions on the application.

Sincerely,

A handwritten signature in black ink that reads "Lee Ann Beebe".

Lee Ann Beebe
Secretary

SREC Generating Company, Inc.
9 Wilson Avenue
Bath, New York 14810

(2)

Bath NY 14810
(City) (State) (Zip code)

9. Latitude: 42.3247 Longitude: -77.2850

10. The name and telephone number of the facility's operator, if different from the owner: Same

New England Waste Services of NY, Inc. 607-177-4820
(Name) (Telephone number)

11. The ISO-New England asset identification number, if applicable: Yet to be assigned or N/A:

12. The GIS facility code, if applicable: Application filed - Pending or N/A:

13. A description of the facility, including fuel type, gross nameplate generation capacity, the initial commercial operation date, and the date it began operation, if different.

14. If Class I certification is sought for a generation facility that uses biomass, the applicant shall submit:

- (a) quarterly average NOx emission rates over the past rolling year,
- (b) the most recent average particulate matter emission rates as required by the New Hampshire Department of Environmental Services (NHDES),
- (c) a description of the pollution control equipment or proposed practices for compliance with such requirements,
- (d) proof that a copy of the completed application has been filed with the NHDES, and
- (e) conduct a stack test to verify compliance with the emission standard for particulate matter no later than 12 months prior to the end of the subject calendar quarter except as provided for in RSA 362-F:12, II.
- (f) N/A: Class I certification is NOT being sought for a generation facility that uses biomass.

15. If Class I certification is sought for the incremental new production of electricity by a generation facility that uses biomass, methane or hydroelectric technologies to produce energy, the applicant shall:

- (a) demonstrate that it has made capital investments after January 1, 2006 with the successful purpose of improving the efficiency or increasing the output of renewable energy from the facility, and
- (b) supply the historical generation baseline as defined in RSA 362-F:2, X.
- (c) N/A: Class I certification is NOT being sought for the incremental new production of electricity by a generation facility that uses biomass, methane or hydroelectric technologies.

16. If Class I certification is sought for repowered Class III or Class IV sources, the applicant shall:

- (a) demonstrate that it has made new capital investments for the purpose of restoring unusable generation capacity or adding to the existing capacity, in light of the NHDES environmental permitting requirements or otherwise, and

- (b) provide documentation that eighty percent of its tax basis in the resulting plant and equipment of the eligible generation capacity, including the NHDES permitting requirements for new plants, but exclusive of any tax basis in real property and intangible assets, is derived from the new capital investments.
 - (c) N/A: Class I certification is NOT being sought for repowered Class III or Class IV sources.
- 17. If Class I certification is sought for formerly nonrenewable energy electric generation facilities, the applicant shall:
 - (a) demonstrate that it has made new capital investments for the purpose of repowering with eligible biomass technologies or methane gas and complies with the certification requirements of Puc 2505.04, if using biomass fuels, and
 - (b) provide documentation that eighty percent of its tax basis in the resulting generation unit, including NHDES permitting requirements for new plants, but exclusive of any tax basis in real property and intangible assets, is derived from the new capital investments.
 - (c) N/A: Class I certification is NOT being sought for formerly nonrenewable energy electric generation facilities.
- 18. If Class IV certification is sought for an existing small hydroelectric facility, the applicant shall submit proof that:
 - (a) it has installed upstream and downstream diadromous fish passages that have been required and approved under the terms of its license or exemption from the Federal Energy Regulatory Commission, and
 - (b) when required, has documented applicable state water quality certification pursuant to section 401 of the Clean Water Act for hydroelectric projects.
 - (c) N/A: Class IV certification is NOT being sought for existing small hydroelectric facilities.
- 19. If the source is located in a control area adjacent to the New England control area, the applicant shall submit proof that the energy is delivered within the New England control area and such delivery is verified using the documentation required in Puc 2504.01(a)(2) a. to e.
- 20. All other necessary regulatory approvals, including any reviews, approvals or permits required by the NHDES or the environmental protection agency in the facility's state.
- 21. Proof that the applicant either has an approved interconnection study on file with the commission, is a party to a currently effective interconnection agreement, or is otherwise not required to undertake an interconnection study.
- 22. A description of how the generation facility is connected to the regional power pool of the local electric distribution utility.
- 23. A statement as to whether the facility has been certified under another non-federal jurisdiction's renewable portfolio standard and proof thereof.
- 24. A statement as to whether the facility's output has been verified by ISO-New England.

- 25. A description of how the facility's output is reported to the GIS if not verified by ISO-New England.
- 26. An affidavit by the owner attesting to the accuracy of the contents of the application.
- 27. Such other information as the applicant wishes to provide to assist in classification of the generating facility.

28. This application and all future correspondence should be sent to:

Ms. Debra A. Howland
Executive Director and Secretary
State of New Hampshire
Public Utilities Commission
21 S. Fruit St, Suite 10
Concord, NH 03301-2429

29. Preparer's information:

Name: Lee Ann Beebe

Title: Secretary

Address: (1) SREC Generating Company, Inc.

(2) 9 Wilson Avenue

(3) _____

Bath (City) NY (State) 14810 (Zip code)

30. Preparer's signature: Lee Ann Beebe



March 2, 2012

Debra A. Howland
Executive Director & Secretary
New Hampshire Public Utilities Commission
21 South Fruit Street
Suite 10
Concord, NH 03301-2429

Subject: Affidavit for Steuben Landfill Generator (NY) Application-Class 1 Certification

Dear Ms. Howland:

I hereby certify that I have personally examined and am familiar with the information submitted herein and based upon my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. My signature below certifies all information submitted on the Application. The Application is the completed New Hampshire Public Utilities Commission Application with all required attachments for the purpose of obtaining Class 1 renewable energy legibility for the Steuben Landfill Generator ("Generator") which is owned by the SREC Generating Company, Inc. I acknowledge that the Generator is obligated to and will notify the Commission promptly in the event of a change in a generator's eligibility status (including, without limitation, the status of the air permits) and any material change in the characteristics of the Generator's fuel source that could affect its eligibility.

Sincerely,

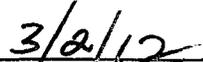
Robert Perry
Chief Executive Officer
SREC Generating Company, Inc.

Signature of Authorized Representative:

SIGNATURE

DATE


Robert Perry


3/2/12

Chief Executive Officer
SREC Generating Company, Inc.

SREC Generating Company, Inc.
9 Wilson Avenue
Bath, New York 14810

March 2, 2012

APPLICATION ATTACHMENT

Steuben Landfill Generator (NY) NH Application for Class I Certification

We have supplied the following responses to Application Questions.

QUESTION #13

REQUEST: A description of the facility, including fuel type, gross nameplate generation, capacity, the initial commercial operation date, and the date it began operation, if different:

RESPONSE: The Facility is a Landfill Generator located in the Town of Bath in Steuben County, New York with the mailing address of:

5612 Turnpike Road
Bath, NY 14810

The Facility is a landfill gas generating facility with two generators (1600kW and 1600 kW) with at total nameplate rating of 3,200 kilowatts ("kW") at unity power factor at 60 degrees Fahrenheit at sea level and has a primary voltage level of 4160 volts ("V"). The Facility is connected to the NYSEG electric system at 34,500 V and entered Commercial Operation on 10/29/10.

The Facility constitutes a "qualifying facility" under the Public Utility Regulatory Policies Act of 1978 ("PURPA").

QUESTION #14

REQUEST: Air Permit related questions.

RESPONSE: The answers to the questions are addressed in the Air Permit and the subsequent semi-annual update filings. We have attached the Generating Unit's valid NYS Title V Air Facilities Permit and the latest Semi-Annual Air Permit Update dated January 30, 2012. The valid Air Permit authorization was granted on 04/21/2009 by the NY Dept Conservation Permit #8-4624-00159/00001.

QUESTION #19

REQUEST: The Applicant is located in the NYISO control area which is adjacent to the New England control area. Therefore, submit proof that the energy is delivered within the New England control area and such delivery is verified using the documentation required in Puc 2504.01 (a)(2) a. to e.

RESPONSE: The Applicant will be compliant with the energy delivery related requirements referenced above by implementation of the following two-step process.

1) An NERC Tagging Process to show the source of the energy (the Steuben Landfill Generator) and the sink (an ISO NE Proxy Bus), This would effectively comply with NYISO External Transaction Procedures to have the energy flow out of New York and into ISO NE.

2) NYISO MIS Data to be supplied that would show the following:
What was scheduled – the quantity and the duration.

What was delivered to ISO NE and this may be different from the schedule. The counter party in ISO NE would be the ISO NE "Real Time Energy Market" and ISO NE MIS Data would be used for validation of what was delivered.

QUESTION #20

REQUEST: Status of any required reviews, approvals, or permits required by any N.H. regulatory agencies.

RESPONSE: Not applicable. The Applicant's Generator is physically located in NYS and has received all necessary state and local regulatory approvals and/or permits.

QUESTION #21

REQUEST: Status of the required electric Interconnection Agreements.

RESPONSE: All required electric Interconnection Agreements have been executed with (i) the NYISO and (ii) the local NYS Transmission Owner ("NYTO") whose electric franchise territory is where the Generator is located. The NYTO is New York State Electric and Gas ("NYSEG").

QUESTION #22

REQUEST: Description of the interconnection to the local electric utility.

RESPONSE: The Generator is connected to the NYSEG electric system at 34,500 V.

QUESTION #23

REQUEST: Has the Generator been certified under another non-federal jurisdiction's renewable portfolio standard.

RESPONSE: No

QUESTION #24

REQUEST: Is the Generator's output verified by ISO-NE?

RESPONSE: Yes

QUESTION #26

REQUEST: Owner's Affidavit

RESPONSE: Attached

QUESTION #27

REQUEST: Any other information that the Applicant would like to provide?

RESPONSE: Yes

Information on Fuel Source

This biomass facility uses exclusively landfill gas representing gas recovered from the Steuben County Landfill and the gas is from the natural decomposition of waste.

Description of the type of eligible biomass fuel to be used at the generation unit. The exclusive source of fuel is landfill gas recovered from the Steuben County Landfill and this landfill gas is from the natural decomposition of waste, and the landfill gas would otherwise be vented or flared as part of the landfill's normal operation if not used as a fuel source. The Landfill Gas Utilization Project Agreement ("Fuel Agreement") is a twenty-five year contract dated March 16, 2009 with Steuben County for the supply of landfill gas from Steuben County Landfill to meet the needs of the Steuben Landfill Generator.

In the Fuel Agreement, the Steuben Landfill Generator is obligated to purchase landfill gas up to the maximum fuel supply levels needed to run the on-site generation. The Fuel Agreement does not permit the Steuben Landfill Generator to substitute any other fuel source to displace in total or part any of the available fuel supply from the Steuben County Landfill pursuant to the Fuel Agreement.

There is currently no co-firing nor are there any plans for co-firing at the Steuben Landfill Generator. Any changes to the existing fuel supply source that could result in (i) a new single source fuel supply or (ii) a co-firing fuel configuration would require regulatory approval, such as a revised NY DEC air permit.

New York State Department of Environmental Conservation
Division of Environmental Permits, Region 8
6274 East Avon-Lima Road, Avon, New York 14414-9516
Phone: (585) 226-5400 • FAX: (585) 226-2830
Website: www.dec.ny.gov



Alexander B. Grannis
Commissioner

April 22, 2009

Mr. Richard A. Moyle, General Manager
Steuben Rural Electric Cooperative, Inc.
9 Wilson Avenue
Bath, NY 14810-1633

Re: **Initial Title V Air Facility Permit**
SREC Bath Landfill Gas to Energy Facility
DEC ID: 8-4624-00159/00001
Town of Bath, Steuben County

Dear Mr. Moyle:

Enclosed is the initial Title V Air Facility Permit for the Steuben Rural Electric Cooperative, Inc. (SREC) Bath Landfill Gas to Energy Facility. The permit is effective April 21, 2009 and will expire on April 20, 2014.

The Department did not receive any additional comments from the United States Environmental Protection Agency (USEPA) on their review of the proposed permit. The 45 days allocated for USEPA's review ended on March 20, 2009. There have been no changes made to the permit in response to USEPA comments and no other changes have been made since the development of the proposed permit.

Please read the permit carefully and note that the validity of the permit is contingent upon compliance. No authority is granted by this permit to operate, construct, or maintain, any installation in violation of any law, statute, code, ordinance, rule, or regulation, of the State of New York, or any of its political subdivisions. You should become familiar with your responsibilities regarding modification and renewal of the Title V permit under 6 NYCRR Part 201-6.7.

Please contact me at (585) 226-5402 within 30 days of the postmark date on the envelope transmitting this permit if you identify any condition(s) that can not be met in full or if you have any questions concerning this permit. You may also contact Michele Kharroubi in the Division of Air Resources at 585-226-5312 if you have any questions regarding the permit itself.

Sincerely,

Lisa M. Porter
Environmental Analyst

encl.

cc (w/encl): Michele Kharroubi, NYSDEC Air Resources - DEC Permit Pages 1 & 2 only

cc (w/o encl): Steven Riva, EPA Region 2
Fred Muller, Jr., Supervisor, Town of Bath
Jerry Leone, Casella Waste Management of N.Y., Inc.
Mark Amann, NYSDEC Solid and Hazardous Materials



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 8-4624-00159/00001
Effective Date: 04/22/2009 Expiration Date: 04/21/2014

Permit Issued To: STEUBEN RURAL ELECTRIC COOPERATIVE INC
PO BOX 272- 9 WILSON AVE
BATH, NY 14810-0272

Facility: SREC BATH LFGTE FACILITY
TURNPIKE RD - S SIDE - W OF CO RTE 15
BATH, NY

Contact: RICHARD MOYLE
STEUBEN RURAL ELECTRIC COOPERATIVE INC
9 WILSON AVE
BATH, NY 14810
(607) 776-4161

Description:
Initial Title V Air Facility for the Steuben Rural Electric Cooperative Bath Landfill Gas to Energy (LFGTE) Facility located adjacent to the New Bath Landfill on Turnpike Road in the Town of Bath, Steuben County. This is a LFGTE facility which combusts landfill gas to produce electrical power for sale on the open market. The facility consists of single emission unit identified as Emission Unit 1-LFGTE which includes three Caterpillar G3520 engines/generators that will be fueled by treated landfill gas and will generate approximately 4.8 MW of electricity.

The facility is subject to Title V permitting because potential emissions exceed the major source threshold for carbon monoxide. The permit contains capping conditions for carbon monoxide and oxides of nitrogen. Emissions of carbon monoxide will be capped to remain below the applicable threshold of 250 tons per year for PSD. Emissions of oxides of nitrogen will be capped below 100 tons per year to remain below the applicable threshold for 6 NYCRR 227-2 NOx RACT and Part 231 New Source Review.



By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator: KIMBERLY A MERCHANT
6274 EAST AVON-LIMA RD
AVON, NY 14414-9519

Authorized Signature:

Kimberly A. Merchant Date: 4, 22, 09



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.



CONDITIONS

PAGE LOCATION OF

PAGE

DEC GENERAL CONDITIONS

General Provisions

- 5 1 Facility Inspection by the Department
 - 5 2 Relationship of this Permit to Other Department Orders and Determinations
 - 5 3 Applications for permit renewals, modifications and transfers
 - 6 4 Permit modifications, suspensions or revocations by the Department
- Facility Level**
- 6 5 Submission of application for permit modification or renewal-REGION 8 HEADQUARTERS



DEC GENERAL CONDITIONS

****** General Provisions ******

For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions.

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations

Applicable State Requirement: ECL 3-0301.2(m)

Item 2.1:

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6NYCRR 621.11

Item 3.1:

The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:



Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

Condition 4: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6NYCRR 621.13

Item 4.1:

The Department reserves the right to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

**** Facility Level ****

Condition 5: Submission of application for permit modification or renewal-REGION 8 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.6(a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 8 Headquarters
Division of Environmental Permits
6274 Avon-Lima Road
Avon, NY 14414-9519
(716) 226-2466



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: STEUBEN RURAL ELECTRIC COOPERATIVE INC
PO BOX 272- 9 WILSON AVE
BATH, NY 14810-0272

Facility: SREC BATH LFGTE FACILITY
TURNPIKE RD - S SIDE - W OF CO RTE 15
BATH, NY

Authorized Activity By Standard Industrial Classification Code:
4911 - ELECTRIC SERVICES

Permit Effective Date: 04/22/2009

Permit Expiration Date: 04/21/2014



PAGE LOCATION OF CONDITIONS

PAGE

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 7 1 6NYCRR 200.6: Acceptable Ambient Air Quality
- 8 2 6NYCRR 201-6.5(a)(7): Fees
- 8 3 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
- 8 4 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 9 5 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
- 11 6 6NYCRR 201-6.5(e): Compliance Certification
- 12 7 6NYCRR 202-2.1: Compliance Certification
- 13 8 6NYCRR 202-2.5: Recordkeeping requirements
- 13 9 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 13 10 6NYCRR 200.7: Maintenance of Equipment
- 14 11 6NYCRR 201-1.7: Recycling and Salvage
- 14 12 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 14 13 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 14 14 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 15 15 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
- 15 16 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
- 15 17 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
- 16 18 6NYCRR 201-6.5(f)(6): Off Permit Changes
- 16 19 6NYCRR 202-1.1: Required Emissions Tests
- 16 20 6NYCRR 211.3: Visible Emissions Limited
- 17 21 40CFR 68: Accidental release provisions.
- 17 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 17 23 6NYCRR 201-6: Emission Unit Definition
- 18 24 6NYCRR 201-6.5(f): Compliance Certification
- 19 25 6NYCRR 201-6.5(g): Non Applicable requirements
- 20 26 6NYCRR 201-7: Facility Permissible Emissions
- 20 *27 6NYCRR 201-7: Capping Monitoring Condition
- 22 *28 6NYCRR 201-7: Capping Monitoring Condition
- 23 *29 6NYCRR 201-7: Capping Monitoring Condition
- 25 *30 6NYCRR 201-7: Capping Monitoring Condition
- 27 *31 6NYCRR 201-7: Capping Monitoring Condition
- 28 *32 6NYCRR 201-7: Capping Monitoring Condition
- 30 *33 6NYCRR 201-7: Capping Monitoring Condition
- 32 34 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 32 35 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 32 36 40CFR 60.7(c), NSPS Subpart A: Compliance Certification
- 33 37 40CFR 60.7(d), NSPS Subpart A: Excess emissions report.
- 33 38 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 34 39 40CFR 60.7(g), NSPS Subpart A: Notification Similar to State or Local Agency
- 34 40 40CFR 60.9, NSPS Subpart A: Availability of information.
- 34 41 40CFR 60.12, NSPS Subpart A: Circumvention.
- 34 42 40CFR 60.14, NSPS Subpart A: Modifications.
- 34 43 40CFR 60.15, NSPS Subpart A: Reconstruction

Emission Unit Level



- 35 44 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 35 45 6NYCRR 201-6: Process Definition By Emission Unit
- 36 46 6NYCRR 201-7: Process Permissible Emissions

EU=1-LFGTE,Proc=GAS

- 36 47 6NYCRR 227-1.3(a): Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 38 48 ECL 19-0301: Contaminant List
- 38 49 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 40 50 6NYCRR 211.2: Air pollution prohibited

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

The items listed below are not subject to the annual compliance certification requirements under Title V. Permittees may also have other obligations under regulations of general applicability.

Item A: Emergency Defense - 6NYCRR Part 201-1.5

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;

(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Item B: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part 201-1.10(b)

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 201-6.3(a)(4)

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.



- Item D: Certification by a Responsible Official - 6 NYCRR Part 201-6.3(d)(12)**
Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- Item E: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(a)(2)**
The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.
- Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(a)(3)**
This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.
- Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR Part 201-6.5(a)(5)**
It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.
- Item H: Property Rights - 6 NYCRR Part 201-6.5(a)(6)**
This permit does not convey any property rights of any sort or any exclusive privilege.
- Item I: Severability - 6 NYCRR Part 201-6.5(a)(9)**
If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.
- Item J: Permit Shield - 6 NYCRR Part 201-6.5(g)**
All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements



are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of Title IV of the Act;
- iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item K: Reopening for Cause - 6 NYCRR Part 201-6.5(i)

This Title V permit shall be reopened and revised under any of the following circumstances:

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.
- ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
- iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.
- iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements



(including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item L: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item M: Federally Enforceable Requirements - 40 CFR 70.6(b)

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS
SUBJECT TO ANNUAL CERTIFICATIONS AT ALL TIMES**

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements at all times.

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 04/22/2009 and 04/21/2014



Applicable Federal Requirement:6NYCRR 200.6

Item 1.1:

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Condition 2:

Fees

Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:6NYCRR 201-6.5(a)(7)

Item 2.1:

The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0302.

Condition 3:

Recordkeeping and reporting of compliance monitoring

Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:6NYCRR 201-6.5(c)

Item 3.1:

The following information must be included in any required compliance monitoring records and reports:

- (i) The date, place, and time of sampling or measurements;
- (ii) The date(s) analyses were performed;
- (iii) The company or entity that performed the analyses;
- (iv) The analytical techniques or methods used including quality assurance and quality control procedures if required;
- (v) The results of such analyses including quality assurance data where required; and
- (vi) The operating conditions as existing at the time of sampling or measurement.

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.3 of this Part 201.

Condition 4:

Monitoring, Related Recordkeeping, and Reporting Requirements.

Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:6NYCRR 201-6.5(c)(2)



Item 4.1:

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

Condition 5: Compliance Certification

Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 6NYCRR 201-6.5(c)(3)(ii)

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To meet the requirements of this facility permit with respect to reporting, the permittee must:

Submit reports of any required monitoring at a minimum frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 30 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.

Notify the Department and report permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations shall be submitted to the permitting authority based on the following schedule:

(1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.

(2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made



within 48 hours.

(3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.

(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

seeks

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee

to have a violation excused unless otherwise limited by regulation. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

six

In the case of any emission testing performed during the previous month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports shall be submitted to the Administrator (or



his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 6NYCRR 201-6.5(e)

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Requirements for compliance certifications with terms and conditions contained in this facility permit include the following:

i. Compliance certifications shall contain:

- the identification of each term or condition of the permit that is the basis of the certification;
- the compliance status;
- whether compliance was continuous or intermittent;
- the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
- such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of



four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

iv. All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

6274 East Avon-Lima Road
Avon, NY 14414-9519

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance
625 Broadway
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 6NYCRR 202-2.1

Item 7.1:
The Compliance Certification activity will be performed for the Facility.

Item 7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. Statements are to be mailed to: New York State Department of Environmental



Conservation, Division of Air Resources, Bureau of Air Quality
Planning, 625 Broadway, Albany NY 12233-3251

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:6NYCRR 202-2.5

Item 8.1:

(a) The following records shall be maintained for at least five years:

- (1) a copy of each emission statement submitted to the department; and
- (2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

Condition 9: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:6NYCRR 215

Item 9.1:

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, refuse, rubbish for salvage, or rubbish generated by industrial or commercial activities.

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS
SUBJECT TO ANNUAL CERTIFICATIONS ONLY IF APPLICABLE**

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period. [NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]

Condition 10: Maintenance of Equipment
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:6NYCRR 200.7



Item 10.1:

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

Condition 11: Recycling and Salvage

Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:6NYCRR 201-1.7

Item 11.1:

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:6NYCRR 201-1.8

Item 12.1:

No person shall unnecessarily remove, handle or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Condition 13: Exempt Sources - Proof of Eligibility

Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:6NYCRR 201-3.2(a)

Item 13.1:

The owner and/or operator of an emission source or unit that is eligible to be exempt may be required to certify that it operates within the specific criteria described in this Subpart. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other State and Federal air pollution control requirements, regulations, or law.

Condition 14: Trivial Sources - Proof of Eligibility

Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:6NYCRR 201-3.3(a)

Item 14.1:

The owner and/or operator of an emission source or unit that is listed as being trivial in this Part may be required to certify that it operates within the specific criteria described in this Subpart. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the department upon



request. Department representatives must be granted access to any facility which contains emission sources or units subject to this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other State and Federal air pollution control requirements, regulations, or law.

Condition 15: Standard Requirement - Provide Information
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:6NYCRR 201-6.5(a)(4)

Item 15.1:

The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

Condition 16: General Condition - Right to Inspect
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:6NYCRR 201-6.5(a)(8)

Item 16.1:

The department or an authorized representative shall be allowed upon presentation of credentials and other documents as may be required by law to:

- (i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- (ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- (iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and
- (iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 17: Standard Requirements - Progress Reports
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:6NYCRR 201-6.5(d)(5)

Item 17.1:

Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:



(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 18: Off Permit Changes

Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:6NYCRR 201-6.5(f)(6)

Item 18.1:

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

(i) For each such change, the written notification required above shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.

(ii) The permit shield described in section 6 NYCRR 201-6.6 shall not apply to any change made pursuant to this paragraph.

Condition 19: Required Emissions Tests

Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:6NYCRR 202-1.1

Item 19.1:

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.

Condition 20: Visible Emissions Limited

Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:6NYCRR 211.3

Item 20.1:



Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Condition 21: Accidental release provisions.
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:40CFR 68

Item 21.1:

If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
 - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,
 - 2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan.
Information should be submitted to:

Risk Management Plan Reporting Center
C/O CSC
8400 Corporate Dr
Carrollton, Md. 20785

Condition 22: Recycling and Emissions Reduction
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:40CFR 82, Subpart F

Item 22.1:

The permittee shall comply with all applicable provisions of 40 CFR Part 82.

The following conditions are subject to annual compliance certification requirements for Title V permits only.

Condition 23: Emission Unit Definition
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:6NYCRR 201-6



Item 23.1:

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 1-LFGTE

Emission Unit Description:

The emission unit includes the exhaust from three (3) Caterpillar G3520C Engines/Generators.

Condition 24: Compliance Certification

Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 6NYCRR 201-6.5(f)

Item 24.1:

The Compliance Certification activity will be performed for the Facility.

Item 24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operational Flexibility Plan

Plan Objective

The objective of this Plan is to maximize operational flexibility by building into the Title V Permit the capability to make minor changes following a pre-established protocol as allowed for in 6NYCRR Part 201-6.5(f).

This plan does not address those types of changes that would invoke the Part 201-6.7(d) "Significant Permit Modification". Rather, it addresses changes that qualify as minor modifications pursuant to the criteria specified by Part 201-6.7(c).

Protocol for Changes

(1) Certain changes which meet the criteria under (i) - (iii) below may be conducted without prior approval of the Department and shall not require modification of the permit. The facility owner and/or operator must however maintain records of the date and description of such changes and make such records available for review by Department representatives upon request.

(i) changes that do not cause emissions to exceed any emission limitation contained in regulations or applicable requirements under this Chapter;

(ii) changes which do not cause the subject emission unit, emission source, process, or emission point to become subject to any additional regulations or requirements under this Chapter;

(iii) changes that do not seek to establish or modify a federally-enforceable emission cap or limit.



(2) In addition to the record keeping required under (1) above, the permittee must notify the Department in writing at least 30 calendar days in advance of making changes involving:

(i) the installation or relocation of any emission source, process, or emission point within a facility;

(ii) the emission of any air pollutant not previously authorized or emitted in accordance with a permit issued by the Department;

(iii) the installation or alteration of any air cleaning installation, device or control equipment.

(3) The Department may require a permit modification, in order to impose new applicable requirements or special permit conditions if it determines that changes proposed pursuant to notification under (2) above do not meet the criteria under (1) or the change may have a significant air quality impact. In such cases the Department may require that the permittee not undertake the proposed change until it completes a more detailed review of the potential air quality impacts and/or applicable requirements. The Department shall respond to the permittee in writing with such a determination within 15 days of receipt of the 30 day advance notification from the permittee. The Department's determination shall include a listing of information necessary to further review the proposed change.

Reporting

On an annual basis, the facility must submit a summary of all changes made under the Protocol for Changes during that year. This summary is to be submitted as part of the annual compliance certification pursuant to 6NYCRR Part 201-6.5(e).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2010.

Subsequent reports are due every 12 calendar month(s).

Condition 25: Non Applicable requirements

Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 6NYCRR 201-6.5(g)

Item 25.1:

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

6NYCRR 227-2

Reason: Emissions of NOx will remain below 100 tons per year, and the facility



will also not be a major source of HAPs. Therefore, the NOx RACT will not apply to the facility. However, the engines do comply with the April 1, 2005 RACT limit of 2.0 g/Bhp-hr of NOx, based on information provided by the manufacturer.

6NYCRR 231-2.2

Reason: Emissions of VOC and NOx will remain below the applicable threshold of 50 and 100 tons per year, respectively. Therefore, based on this application, New Source Review does not apply.

40CFR 52-A.21

Reason: Emissions of carbon monoxide will remain below the applicable threshold of 250 tons per year, therefore, based on this application, PSD will not apply to this project.

40CFR 60-WWW.752(b)(2)

Reason: Landfill gas will be treated via compression, cooling and filtration system by the landfill facility prior to use by the internal combustion engines. Additionally, the landfill itself is not required to comply with this rule because they are not required to have gas collection and control. Therefore, the energy plant is not required to comply with this requirement.

Condition 26: Facility Permissible Emissions
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 6NYCRR 201-7

Item 26.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 000630-08-0 PTE: 500,000 pounds per year
Name: CARBON MONOXIDE

CAS No: 0NY210-00-0 PTE: 200,000 pounds per year
Name: OXIDES OF NITROGEN

Condition 27: Capping Monitoring Condition
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 6NYCRR 201-7

Item 27.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:



6NYCRR 227-2

6NYCRR 231-2

Item 27.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 27.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 27.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 27.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 27.6:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 1-LFGTE

Process: GAS

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 27.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The sum of emissions of oxides of nitrogen (NOx) from this facility are limited to less than 100 tons/year calculated on a rolling 12 month total. This limit ensures that the facility will remain under the threshold to be applicable to 6NYCRR Part 227-2 NOx RACT and Part 231 New Source Review. The facility shall calculate monthly NOx emissions from the engines using daily individual bHp production data based on the amount of electricity that is generated by each engine and the results from the approved stack test report for emission factors (results of quarterly instantaneous NOx monitoring will be used to confirm proper operation of the engines and the accuracy of



the emission factors). All other sources of NOx emissions shall be calculated and included in the facility's rolling 12 month total. The facility shall keep these records in a format acceptable to the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: ELECTRICAL LOAD OUTPUT
Parameter Monitored: ELECTRICAL LOAD OUTPUT
Upper Permit Limit: 100 tons per year
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2009.
Subsequent reports are due every 6 calendar month(s).

Condition 28: Capping Monitoring Condition
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 6NYCRR 201-7

Item 28.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40CFR 52-A.21

Item 28.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 28.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 28.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 28.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.



Item 28.6:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: I-LFGTE
Process: GAS

Regulated Contaminant(s):
CAS No: 000630-08-0 CARBON MONOXIDE

Item 28.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The sum of emissions of carbon monoxide from this facility are limited to 250 tons/year calculated on a rolling 12 month total. This limit ensures that the facility will remain under the threshold to be considered PSD major. The facility shall calculate monthly carbon monoxide emissions from the engines using daily individual bHp production data based on the amount of electricity that is generated by each engine and the results from the approved stack test report for emission factors (results of quarterly instantaneous carbon monoxide monitoring will be used to confirm proper operation of the engines and the accuracy of the emission factors). All other sources of carbon monoxide emissions shall be calculated and included in the facility's rolling 12 month total. The facility shall keep these records in a format acceptable to the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: ELECTRICAL LOAD OUTPUT

Parameter Monitored: ELECTRICAL LOAD OUTPUT

Upper Permit Limit: 250 tons per year

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).

Condition 29: Capping Monitoring Condition

Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 6NYCRR 201-7

Item 29.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:



40CFR 52-A.21

Item 29.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 29.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 29.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 29.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 29.6:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 1-LFGTE

Process: GAS

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 29.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In order to show compliance with the permit limit of 250 tons per year of carbon monoxide, the facility is required to conduct quarterly instantaneous testing over a 15-minute period (in order to ensure a stabilized reading) per calendar year using a portable CO analyzer on all the engines. The sampling will be done in accordance with the analyzer manufacturer's recommendations for testing and calibration (using non-EPA methods). Results from this testing will be used to verify stack test results and confirm proper operation of the engines.



The facility shall use the average flow exhaust rate determined in the most recent approved performance test in order to convert the concentration measured to a mass rate for the purpose of demonstrating compliance with the specified limit.

If two consecutive instantaneous quarterly samples show a discrepancy of 10 percent or more from the original stack test results or if one quarterly sample is off by 20% or more from the original stack test results, then the facility must notify the Department and a new stack test may be required to show compliance.

Upper Permit Limit: 250 tons per year

Reference Test Method: See Monitoring Description

Monitoring Frequency: QUARTERLY

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).

Condition 30: Capping Monitoring Condition

Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 6NYCRR 201-7

Item 30.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 227-2

6NYCRR 231-2

Item 30.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 30.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 30.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.



Item 30.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 30.6:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 1-LFGTE
Process: GAS

Regulated Contaminant(s):

CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 30.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Facility emissions of oxides of nitrogen (NO_x) must remain below the major source threshold of 100 tons during any 12 month period.

Compliance with this emission limit shall be demonstrated by an initial performance test as outlined below:

1. The facility must submit a compliance test protocol to the department for approval at least 60 days prior to emission testing. The conditions of the testing and the locations of the sampling devices must be acceptable to the Department.
2. The facility must utilize the procedure set forth in 40 CFR Part 60, Subpart A, Method 7, 7E, or 19, or any other method acceptable to the Department for determining compliance with the NO_x limit contained in this condition, and must, in addition, follow the procedures set forth in Part 202 of this Title.
3. The facility must submit a compliance test report containing the results of the emission test to the Department no later than 60 days after completion of the emission test.

Since all three stationary internal combustion devices at this facility are identical, only one of the 3 internal combustion engines will require performance testing to demonstrate compliance with this NO_x emission limit. The initial performance test must be completed within 180 days of commencement of operation of these emission sources. The facility must conduct the required emissions test at 100% +/- 10% load on the engine with the most operating hours at the time of the performance test.

Prior to renewal of the Title V permit, the facility must complete a



second performance test utilizing the procedures for engine selection as described above. This performance test must be completed no later than 180 days prior to expiration of the Title V permit.

Upper Permit Limit: 100 tons per year

Reference Test Method: EPA RM 7, 7E or 19

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2010.

Subsequent reports are due every 12 calendar month(s).

Condition 31: Capping Monitoring Condition
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 6NYCRR 201-7

Item 31.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 227-2

6NYCRR 231-2

Item 31.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 31.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 31.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 31.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 31.6:



The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 1-LFGTE
Process: GAS

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 31.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In order to show compliance with the permit limit of 100 tons per year of oxides of nitrogen (NO_x), the facility is required to conduct quarterly instantaneous testing over a 15-minute period (in order to ensure a stabilized reading) per calendar year using a portable NO_x analyzer on all the engines. The sampling will be done in accordance with the analyzer manufacturer's recommendations for testing and calibration (using non-EPA methods). Results from this testing will be used to verify stack test results and confirm proper operation of the engines.

The facility shall use the average flow exhaust rate determined in the most recent approved performance test in order to convert the concentration measured to a mass rate for the purpose of demonstrating compliance with the specified limit.

If two consecutive instantaneous quarterly samples show a discrepancy of 10 percent or more from the original stack test results or if one quarterly sample is off by 20% or more from the original stack test results, then the facility must notify the Department and a new stack test may be required to show compliance.

Upper Permit Limit: 100 tons per year

Reference Test Method: See Monitoring Description

Monitoring Frequency: QUARTERLY

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).

Condition 32: Capping Monitoring Condition

Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 6NYCRR 201-7

Item 32.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to



the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40CFR 52-A.21

Item 32.2:

Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 32.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 32.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 32.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 32.6:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 1-LFGTE

Process: GAS

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 32.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Facility emissions of carbon monoxide (CO) must remain below the major source threshold of 250 tons during any 12 month period.

Compliance with this emission limit shall be demonstrated by an initial performance test as outlined below:

1. The facility must submit a compliance test protocol to the



department for approval at least 60 days prior to emission testing. The conditions of the testing and the locations of the sampling devices must be acceptable to the Department.

2. The facility must utilize the procedure set forth in 40 CFR Part 60, Subpart A, Method 10, or any other method acceptable to the Department for determining compliance with the CO limit contained in this condition, and must, in addition, follow the procedures set forth in Part 202 of this Title.

3. The facility must submit a compliance test report containing the results of the emission test to the Department no later than 60 days after completion of the emission test.

Since all three stationary internal combustion devices at this facility are identical, only one of the 3 internal combustion engines will require performance testing to demonstrate compliance with this CO emission limit. The initial performance test must be completed within 180 days of commencement of operation of these emission sources. The facility must conduct the required emissions test at 100% +/- 10% load on the engine with the most operating hours at the time of the performance test.

Prior to renewal of the Title V permit, the facility must complete a second performance test utilizing the procedures for engine selection as described above. This performance test must be completed no later than 180 days prior to expiration of the Title V permit.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 250 tons per year

Reference Test Method: EPA Method 10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2010.

Subsequent reports are due every 12 calendar month(s).

Condition 33: Capping Monitoring Condition

Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 6NYCRR 201-7

Item 33.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 227-2

6NYCRR 231-2



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 12 calendar month(s).

Condition 34: EPA Region 2 address.
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A

Item 34.1:

All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted in duplicate to the following address:

Director, Division of Enforcement and Compliance Assistance
USEPA Region 2
290 Broadway, 21st Floor
New York, NY 10007-1886

Copies of all correspondence to the administrator pursuant to this part shall also be submitted to the NYSDEC Regional Office issuing this permit (see address at the beginning of this permit) and to the following address:

NYSDEC
Bureau of Quality Assurance
625 Broadway
Albany, NY 12233-3258

Condition 35: Recordkeeping requirements.
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 40CFR 60.7(b), NSPS Subpart A

Item 35.1:

Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

Condition 36: Compliance Certification
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 40CFR 60.7(c), NSPS Subpart A

Item 36.1:

The Compliance Certification activity will be performed for the Facility.



Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Affected owners or operators shall submit an excess emissions report and/or a summary report form (as defined in 40 CFR 60.7(d)) semi-annually (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be post marked no later than 30 days after each six (6) month period (or as appropriate), and shall contain the following information:

- 1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;
- 2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;
- 3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments; and
- 4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).

Condition 37: Excess emissions report.

Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 40CFR 60.7(d), NSPS Subpart A

Item 37.1:

A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).

Condition 38: Facility files for subject sources.

Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 40CFR 60.7(f), NSPS Subpart A

Item 38.1:

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing



measurements; all continuous monitoring system performance evaluations; all continuous monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspections. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

Condition 39: Notification Similar to State or Local Agency
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 40CFR 60.7(g), NSPS Subpart A

Item 39.1:

If notification substantially similar to that in 40 CFR Part 60.7(a) is required by any other State or local agency, sending the Administrator a copy of that notification will satisfy the requirements of 40 CFR Part 60.7(a).

Condition 40: Availability of information.
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 40CFR 60.9, NSPS Subpart A

Item 40.1:

The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by 40 CFR Part 2.

Condition 41: Circumvention.
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A

Item 41.1:

No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

Condition 42: Modifications.
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 40CFR 60.14, NSPS Subpart A

Item 42.1:

Within 180 days of the completion of any physical or operational change (as defined in section 60.14), compliance with the applicable standards must be achieved.

Condition 43: Reconstruction
Effective between the dates of 04/22/2009 and 04/21/2014



Applicable Federal Requirement: 40CFR 60.15, NSPS Subpart A

Item 43.1:

The following shall be submitted to the Administrator prior to reconstruction (as defined in section 60.15):

- 1) a notice of intent to reconstruct 60 days prior to the action;
- 2) name and address of the owner or operator;
- 3) the location of the existing facility;
- 4) a brief description of the existing facility and the components to be replaced;
- 5) a description of the existing air pollution control equipment and the proposed air pollution control equipment;
- 6) an estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new facility;
- 7) the estimated life of the facility after the replacements; and
- 8) a discussion of any economic or technical limitations the facility may have in complying with the applicable standards of performance after the proposed replacements.

****** Emission Unit Level ******

Condition 44: Emission Point Definition By Emission Unit
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement: 6NYCRR 201-6

Item 44.1:

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 1-LFGTE

Emission Point: 00001

Height (ft.): 28

Diameter (in.): 20

Emission Point: 00002

Height (ft.): 28

Diameter (in.): 20

Emission Point: 00003

Height (ft.): 28

Diameter (in.): 20

Condition 45: Process Definition By Emission Unit
Effective between the dates of 04/22/2009 and 04/21/2014



Applicable Federal Requirement:6NYCRR 201-6

Item 45.1:

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 1-LFGTE

Process: GAS

Source Classification Code: 2-01-008-02

Process Description:

Treated landfill gas from Bath Landfill is combusted in three internal combustion engines. One Caterpillar G3520C engine consumes approximately 431 standard cubic feet per minute (scfm) of landfill gas at 50 % methane.

Emission Source/Control: ENG01 - Combustion
Design Capacity: 2,233 horsepower (electric)

Emission Source/Control: ENG02 - Combustion
Design Capacity: 2,233 horsepower (electric)

Emission Source/Control: ENG03 - Combustion
Design Capacity: 2,233 horsepower (electric)

Condition 46: Process Permissible Emissions
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:6NYCRR 201-7

Item 46.1:

The sum of emissions from the regulated process cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: 1-LFGTE

Process: GAS

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 57.08 pounds per hour

500,000 pounds per year

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 22.82 pounds per hour

200,000 pounds per year

Condition 47: Compliance Certification
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable Federal Requirement:6NYCRR 227-1.3(a)

Item 47.1:

The Compliance Certification activity will be performed for:



Emission Unit: 1-LFGTE
Process: GAS

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE
PARAMETERS AS SURROGATE

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one six-minute period per hour of not more than 27 percent opacity. The facility will perform a visual observation on a daily basis. If any opacity is noted, corrective action will be taken immediately or a Method 9 will be performed within two business days.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

Subsequent reports are due every 6 calendar month(s).



STATE ONLY ENFORCEABLE CONDITIONS

****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.

**Condition 48: Contaminant List
Effective between the dates of 04/22/2009 and 04/21/2014**

Applicable State Requirement: ECL 19-0301

Item 48.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this permit (emission limits, control requirements or compliance monitoring conditions).

CAS No: 000630-08-0
Name: CARBON MONOXIDE

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN

**Condition 49: Unavoidable noncompliance and violations
Effective between the dates of 04/22/2009 and 04/21/2014**



Applicable State Requirement: 6NYCRR 201-1.4

Item 49.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns,



malfunctions or upsets.

Condition 50: Air pollution prohibited
Effective between the dates of 04/22/2009 and 04/21/2014

Applicable State Requirement: 6NYCRR 211.2

Item 50.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.



Permit Review Report

Permit ID: 8-4624-00159/00001

04/21/2009

Facility Identification Data

Name: SREC BATH LFGTE FACILITY

Address: TURNPIKE RD - S SIDE - W OF CO RTE 15

Owner/Firm

Name: STEUBEN RURAL ELECTRIC COOPERATIVE INC

Address: PO BOX 272- 9 WILSON AVE

BATH, NY 14810-0272, USA

Owner Classification: Corporation/Partnership

Permit Contacts

Division of Environmental Permits:

Name: LISA M PORTER

Address: 6274 EAST AVON-LIMA RD

AVON, NY 14414

Phone: 5852262466

Division of Air Resources:

Name: MICHELE A KHARROUBI

Address: NYSDEC

6274 EAST AVON-LIMA ROAD

AVON, NY 14414

Air Permitting Contact:

Name: RICHARD MOYLE

Address: STEUBEN RURAL ELECTRIC COOPERATIVE INC

9 WILSON AVE

BATH, NY 14810

Phone: 6077764161

Permit Description

Introduction

The Title V operating air permit is intended to be a document containing only enforceable terms and conditions as well as any additional information, such as the identification of emission units, emission points, emission sources and processes, that makes the terms meaningful. 40 CFR Part 70.7(a)(5) requires that each Title V permit have an accompanying "...statement that sets forth the legal and factual basis for the draft permit conditions". The purpose for this permit review report is to satisfy the above requirement by providing pertinent details regarding the permit/application data and permit conditions in a more easily understandable format. This report will also include background narrative and explanations of regulatory decisions made by the reviewer. It should be emphasized that this permit review report, while based on information contained in the permit, is a separate document and is not itself an enforceable term and condition of the permit.

Summary Description of Proposed Project

This application is for a Title V permit for the new landfill gas-to-energy facility. The facility includes installation of three (3) new Caterpillar G3520C Engines/Generators that will combust landfill gas (lfg) collected from the Bath Landfill, and produce electrical power for sale to the open market.

Attainment Status

SREC BATH LFGTE FACILITY is located in the town of BATH in the county of STEUBEN.

The attainment status for this location is provided below. (Areas classified as attainment are those that meet all ambient air quality standards for a designated criteria



Permit Review Report

Permit ID: 8-4624-00159/00001

04/21/2009

air pollutant.)

Criteria Pollutant	Attainment Status
Particulate Matter (PM)	ATTAINMENT
Particulate Matter < 10µ in diameter (PM10)	ATTAINMENT
Sulfur Dioxide (SO2)	ATTAINMENT
Ozone*	TRANSPORT REGION (NON-ATTAINMENT)
Oxides of Nitrogen (NOx)**	ATTAINMENT
Carbon Monoxide (CO)	ATTAINMENT

* Ozone is regulated in terms of the emissions of volatile organic compounds (VOC) and/or oxides of nitrogen (NOx) which are ozone precursors.

** NOx has a separate ambient air quality standard in addition to being an ozone precursor

Facility Description

The LFGTE Facility will be located adjacent to Bath Landfill. There are three Caterpillar G3520C Engines/Generators fueled by treated landfill gas that will produce approximately 4.8 MW of electricity. Emissions from the engines include NOx, SO2, CO, PM, NMOC, VOC and HAPS.

Permit Structure and Description of Operations

The Title V permit for SREC BATH LFGTE FACILITY is structured in terms of the following hierarchy: facility, emission unit, emission point, emission source and process.

A facility is defined as all emission sources located at one or more adjacent or contiguous properties owned or operated by the same person or persons under common control. The facility is subdivided into one or more emission units (EU). Emission units are defined as any part or activity of a stationary facility that emits or has the potential to emit any federal or state regulated air pollutant. An emission unit is represented as a grouping of processes (defined as any activity involving one or more emission sources (ES) that emits or has the potential to emit any federal or state regulated air pollutant). An emission source is defined as any apparatus, contrivance or machine capable of causing emissions of any air contaminant to the outdoor atmosphere, including any appurtenant exhaust system or air cleaning device.

[NOTE: Indirect sources of air contamination as defined in 6 NYCRR Part 203 (i.e. parking lots) are excluded from this definition]. The applicant is required to identify the principal piece of equipment (i.e., emission source) that directly results in or controls the emission of federal or state regulated air pollutants from an activity (i.e., process). Emission sources are categorized by the following types:

- combustion - devices which burn fuel to generate heat, steam or power
- incinerator - devices which burn waste material for disposal



Permit Review Report

**Permit ID: 8-4624-00159/00001
04/21/2009**

control - emission control devices
process - any device or contrivance which may emit air contaminants
that is not included in the above categories.

SREC BATH LFGTE FACILITY is defined by the following emission unit(s):

Emission unit 1LFGTE - The emission unit includes the exhaust from three (3) Caterpillar G3520C Engines/Generators.

Emission unit 1LFGTE is associated with the following emission points (EP):
00001, 00002, 00003

It is further defined by the following process(es):

Process: GASTreated landfill gas from Bath Landfill is combusted in three internal combustion engines. One Caterpillar G3520C engine consumes approximately 431 standard cubic feet per minute (scfm) of landfill gas at 50 % methane.

Title V/Major Source Status

SREC BATH LFGTE FACILITY is subject to Title V requirements. This determination is based on the following information:

The facility is applying for a Title V permit since potential emissions exceed the major source threshold for carbon monoxide.

Program Applicability

The following chart summarizes the applicability of SREC BATH LFGTE FACILITY with regards to the principal air pollution regulatory programs:

Regulatory Program	Applicability
PSD	NO
NSR (non-attainment)	NO
NESHAP (40 CFR Part 61)	NO
NESHAP (MACT - 40 CFR Part 63)	NO
NSPS	YES
TITLE IV	NO
TITLE V	YES
TITLE VI	NO
RACT	NO
SIP	YES



Permit Review Report

Permit ID: 8-4624-00159/00001

04/21/2009

NOTES:

PSD Prevention of Significant Deterioration (40 CFR 52) - requirements which pertain to major stationary sources located in areas which are in attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

NSR New Source Review (6 NYCRR Part 231) - requirements which pertain to major stationary sources located in areas which are in non-attainment of National Ambient Air Quality Standards (NAAQS) for specified pollutants.

NESHAP National Emission Standards for Hazardous Air Pollutants (40 CFR 61) - contaminant and source specific emission standards established prior to the Clean Air Act Amendments of 1990 (CAAA) which were developed for 9 air contaminants (inorganic arsenic, radon, benzene, vinyl chloride, asbestos, mercury, beryllium, radionuclides, and volatile HAP's)

MACT Maximum Achievable Control Technology (40 CFR 63) - contaminant and source specific emission standards established by the 1990 CAAA. Under Section 112 of the CAAA, the US EPA is required to develop and promulgate emissions standards for new and existing sources. The standards are to be based on the best demonstrated control technology and practices in the regulated industry, otherwise known as MACT. The corresponding regulations apply to specific source types and contaminants.

NSPS New Source Performance Standards (40 CFR 60) - standards of performance for specific stationary source categories developed by the US EPA under Section 111 of the CAAA. The standards apply only to those stationary sources which have been constructed or modified after the regulations have been proposed by publication in the Federal Register and only to the specific contaminant(s) listed in the regulation.

Title IV Acid Rain Control Program (40 CFR 72 thru 78) - regulations which mandate the implementation of the acid rain control program for large stationary combustion facilities.

Title VI Stratospheric Ozone Protection (40 CFR 82, Subparts A thru G) - federal requirements that apply to sources which use a minimum quantity of CFC's (chlorofluorocarbons), HCFC's (hydrofluorocarbons) or other ozone depleting substances or regulated substitute substances in equipment such as air conditioners, refrigeration equipment or motor vehicle air conditioners or appliances.

RACT Reasonably Available Control Technology (6 NYCRR Parts 212.10, 226, 227-2, 228, 229, 230, 232, 233, 234, 235, 236) - the lowest emission limit that a specific source is capable of meeting by application of control technology that is reasonably available, considering technological and economic feasibility. RACT is a control strategy used to limit emissions of VOC's and NOx for the purpose of attaining the air quality standard for ozone. The term as it is used in the above table refers to those state air pollution control regulations which specifically regulate VOC and NOx emissions.

SIP State Implementation Plan (40 CFR 52, Subpart HH) - as per the CAAA, all states are empowered and required to devise the specific combination of controls that, when implemented, will bring about attainment of ambient air quality standards established by the federal government and the individual state. This specific combination of measures is referred to as the SIP. The term here refers to those state regulations that are approved to be included in the SIP and thus are considered federally enforceable.



Permit Review Report

Permit ID: 8-4624-00159/00001

04/21/2009

Compliance Status

Facility is in compliance with all requirements

SIC Codes

SIC or Standard Industrial Classification code is an industrial code developed by the federal Office of Management and Budget for use, among other things, in the classification of establishments by the type of activity in which they are engaged. Each operating establishment is assigned an industry code on the basis of its primary activity, which is determined by its principal product or group of products produced or distributed, or services rendered. Larger facilities typically have more than one SIC code.

SIC Code	Description
4911	ELECTRIC SERVICES

SCC Codes

SCC or Source Classification Code is a code developed and used" by the USEPA to categorize processes which result in air emissions for the purpose of assessing emission factor information. Each SCC represents a unique process or function within a source category logically associated with a point of air pollution emissions. Any operation that causes air pollution can be represented by one or more SCC's.

SCC Code	Description
2-01-008-02	INTERNAL COMBUSTION ENGINES - ELECTRIC GENERATION ELECTRIC UTILITY INTERNAL COMBUSTION ENGINE - LANDFILL GAS Reciprocating

Facility Emissions Summary

In the following table, the CAS No. or Chemical Abstract Series code is an identifier assigned to every chemical compound. [NOTE: Certain CAS No.'s contain a 'NY' designation within them. These are not true CAS No.'s but rather an identification which has been developed by the department to identify groups of contaminants which ordinary CAS No.'s do not do. As an example, volatile organic compounds or VOC's are identified collectively by the NY CAS No. 0NY998-00-0.] The PTE refers to the Potential to Emit. This is defined as the maximum capacity of a facility or air contaminant source to emit any air contaminant under its physical and operational design. Any physical or operational limitation on the capacity of the facility or air contamination source to emit any air contaminant, including air pollution control equipment and/or restrictions on the hours of operation, or on the type or amount or material combusted, stored, or processed, shall be treated as part of the design only if the limitation is contained in federally enforceable permit conditions. The PTE Range represents an emission range for a contaminant. Any PTE quantity that is displayed represents a facility-wide emission cap or limitation for that contaminant. If no PTE quantity is displayed, the PTE Range is provided to indicate the approximate magnitude of facility-wide emissions for the specified contaminant in terms of tons per year (tpy). The term 'HAP' refers to any of the hazardous air pollutants listed in section 112(b) of the Clean Air Act Amendments of 1990. Total emissions of all hazardous air pollutants are listed under the special NY CAS No. 0NY100-00-0. In addition, each individual hazardous air pollutant is also listed under its own specific CAS No. and is identified in the list below by the (HAP) designation.

Cas No.	Contaminant Name	PTE	
		lbs/yr	Range
000079-34-5	1, 1, 2, 2-TETRACHLOROETHANE	> 0	but < 10 tpy
000107-06-2	1, 2-DICHLOROETHANE	> 0	but < 10 tpy
000108-10-1	2-PENTANONE, 4-METHYL	> 0	but < 10 tpy
000071-43-2	BENZENE	> 0	but < 10 tpy
000075-15-0	CARBON DISULFIDE	> 0	but < 10 tpy



Permit Review Report

Permit ID: 8-4624-00159/00001
04/21/2009

000630-08-0	CARBON MONOXIDE	500000	
000056-23-5	CARBON TETRACHLORIDE		> 0 but < 10 tpy
000463-58-1	CARBONYL SULFIDE		> 0 but < 10 tpy
000108-90-7	CHLOROBENZENE		> 0 but < 10 tpy
000067-66-3	CHLOROFORM		> 0 but < 10 tpy
000075-09-2	DICHLOROMETHANE		> 0 but < 10 tpy
000071-55-6	ETHANE, 1,1,1-TRICHLORO		> 0 but < 10 tpy
000075-34-3	ETHANE, 1,1-DICHLORO-		> 0 but < 10 tpy
000075-00-3	ETHANE, CHLORO		> 0 but < 10 tpy
000075-35-4	ETHENE, 1,1-DICHLORO		> 0 but < 10 tpy
000100-41-4	ETHYLBENZENE		> 0 but < 10 tpy
0NY100-00-0	HAP		> 0 but < 2.5 tpy
000110-54-3	HEXANE		> 0 but < 10 tpy
007647-01-0	HYDROGEN CHLORIDE		> 0 but < 10 tpy
007439-97-6	MERCURY		> 0 but < 10 tpy
000078-93-3	METHYL ETHYL KETONE		>= 2.5 tpy but < 10 tpy
0NY998-20-0	NMOC - LANDFILL USE ONLY		> 0 but < 2.5 tpy
0NY210-00-0	OXIDES OF NITROGEN	200000	
0NY075-00-0	PARTICULATES		>= 2.5 tpy but < 10 tpy
000127-18-4	PERCHLOROETHYLENE		> 0 but < 10 tpy
0NY075-00-5	PM-10		>= 2.5 tpy but < 10 tpy
000078-87-5	PROPANE, 1,2-DICHLORO		> 0 but < 10 tpy
000107-13-1	PROPENITRILE		> 0 but < 10 tpy
007446-09-5	SULFUR DIOXIDE		>= 2.5 tpy but < 10 tpy
000108-88-3	TOLUENE		> 0 but < 10 tpy
000079-01-6	TRICHLOROETHYLENE		> 0 but < 10 tpy
000075-01-4	VINYL CHLORIDE		> 0 but < 10 tpy
0NY998-00-0	VOC		> 0 but < 2.5 tpy
001330-20-7	XYLENE, M, O & P MIXT.		> 0 but < 10 tpy

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

Item A: Emergency Defense - 6NYCRR Part 201-1.5

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Item B: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part



Permit Review Report

Permit ID: 8-4624-00159/00001

04/21/2009

201-1.10(b)

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part

201-6.3(a)(4)

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Item D: Certification by a Responsible Official - 6 NYCRR Part

201-6.3(d)(12)

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item E: Requirement to Comply With All Conditions - 6 NYCRR Part

201-6.5(a)(2)

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item F: Permit Revocation, Modification, Reopening, Reissuance or

Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(a)(3)

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6NYCRR

Part 201-6.5(a)(5)

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

Item H: Property Rights - 6 NYCRR Part 201-6.5(a)(6)

This permit does not convey any property rights of any sort or any exclusive privilege.

Item I: Severability - 6 NYCRR Part 201-6.5(a)(9)

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

Item J: Permit Shield - 6 NYCRR Part 201-6.5(g)

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit

Permit Review Report

Permit ID: 8-4624-00159/00001

04/21/2009

shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of Title IV of the Act;
- iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item X: Reopening for Cause - 6 NYCRR Part 201-6.5(i)

This Title V permit shall be reopened and revised under any of the following circumstances:

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.
- ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
- iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.
- iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.



Permit Review Report

Permit ID: 8-4624-00159/00001

04/21/2009

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item L: Permit Exclusion - ECL 19-0305
 The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item M: Federally Enforceable Requirements - 40 CFR 70.6(b)
 All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.
NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

Item A: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5
 Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Regulatory Analysis

Location Facility/EU/EP/Process/ES	Regulation	Condition	Short Description
FACILITY		48	Powers and Duties of the Department with respect to air pollution control
FACILITY	40CFR 52-A.21	28, 29, 32	Prevention of Significant Deterioration



Permit Review Report

Permit ID: 8-4624-00159/00001

04/21/2009

FACILITY	40CFR 60-A.12	41	General provisions - Circumvention
FACILITY	40CFR 60-A.14	42	General provisions - Modification
FACILITY	40CFR 60-A.15	43	General provisions - Reconstruction
FACILITY	40CFR 60-A.4	34	General provisions - Address
FACILITY	40CFR 60-A.7(b)	35	Notification and Recordkeeping
FACILITY	40CFR 60-A.7(c)	36	Notification and Recordkeeping
FACILITY	40CFR 60-A.7(d)	37	Notification and Recordkeeping
FACILITY	40CFR 60-A.7(f)	38	Notification and Recordkeeping
FACILITY	40CFR 60-A.7(g)	39	Notification and Recordkeeping
FACILITY	40CFR 60-A.9	40	General provisions - Availability of information
FACILITY	40CFR 68	21	Chemical accident prevention provisions
FACILITY	40CFR 82-F	22	Protection of Stratospheric Ozone - recycling and emissions reduction
FACILITY	6NYCRR 200.6	1	Acceptable ambient air quality.
FACILITY	6NYCRR 200.7	10	Unavoidable noncompliance and violations.
FACILITY	6NYCRR 201-1.4	49	
FACILITY	6NYCRR 201-1.7	11	Prohibition of reintroduction of collected contaminants to the air
FACILITY	6NYCRR 201-1.8	12	
FACILITY	6NYCRR 201-3.2(a)	13	Exempt Activities - Proof of eligibility
FACILITY	6NYCRR 201-3.3(a)	14	Trivial Activities - proof of eligibility
FACILITY	6NYCRR 201-6	23, 44, 45	Title V Permits and the Associated Permit Conditions
FACILITY	6NYCRR 201-6.5(a) (4)	15	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring
FACILITY	6NYCRR 201-6.5(a) (7)	2	
FACILITY	6NYCRR 201-6.5(a) (8)	16	
FACILITY	6NYCRR 201-6.5(c)	3	
FACILITY	6NYCRR 201-6.5(c) (2)	4	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring
FACILITY	6NYCRR 201-6.5(c) (3) (ii)	5	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring
FACILITY	6NYCRR 201-6.5(d) (5)	17	26, 27, 28, 29, 30, 31, 32, 33, 46 Federally Emissions Caps
FACILITY	6NYCRR 201-6.5(e)	6	
FACILITY	6NYCRR 201-6.5(f)	24	
FACILITY	6NYCRR 201-6.5(f) (6)	18	
FACILITY	6NYCRR 201-6.5(g)	25	
FACILITY	6NYCRR 201-7	26, 27, 28, 29, 30, 31, 32, 33, 46	
Enforceable			



Permit Review Report

Permit ID: 8-4624-00159/00001

04/21/2009

FACILITY	6NYCRR 202-1.1	19	
FACILITY	6NYCRR 202-2.1	7	Emission Statements - Applicability
FACILITY	6NYCRR 202-2.5	8	Emission Statements - record keeping requirements.
FACILITY	6NYCRR 211.2	50	General Prohibitions - air pollution prohibited.
FACILITY	6NYCRR 211.3	20	General Prohibitions - visible emissions limited
FACILITY	6NYCRR 215	9	
1-LFGTE/-/GAS	6NYCRR 227-1.3(a)	47	Smoke Emission Limitations.
FACILITY	6NYCRR 227-2	27, 30, 31, 33	Reasonably available control technology for NOx
FACILITY	6NYCRR 231-2	27, 30, 31, 33	New Source Review in Nonattainment Areas and Ozone Transport Region

Applicability Discussion:

Mandatory Requirements: The following facility-wide regulations are included in all Title V permits:

ECL 19-301.

This section of the Environmental Conservation Law establishes the powers and duties assigned to the Department with regard to administering the air pollution control program for New York State.

6NYCRR Part 200-6

Acceptable ambient air quality - prohibits contravention of ambient air quality standards without mitigating measures

6NYCRR Part 200-7

Anyone owning or operating an air contamination source which is equipped with an emission control device must operate the control consistent with ordinary and necessary practices, standards and procedures, as per manufacturer's specifications and keep it in a satisfactory state of maintenance and repair so that it operates effectively

6NYCRR Part 201-1.4

This regulation specifies the actions and recordkeeping and reporting requirements for any violation of an applicable state enforceable emission standard that results from a necessary scheduled equipment maintenance, start-up, shutdown, malfunction or upset in the event that these are unavoidable.

6NYCRR Part 201-1.7

Requires the recycle and salvage of collected air contaminants where practical

6NYCRR Part 201-1.8

Prohibits the reintroduction of collected air contaminants to the outside air



Permit Review Report

Permit ID: 8-4624-00159/00001
04/21/2009

6NYCRR Part 201-3.2(a)

An owner and/or operator of an exempt emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains exempt emission sources or units, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

6NYCRR Part 201-3.3(a)

The owner and/or operator of a trivial emission source or unit may be required to certify that it operates within the specific criteria described in this Subpart. All required records must be maintained on-site for a period of 5 years and made available to department representatives upon request. In addition, department representatives must be granted access to any facility which contains trivial emission sources or units subject to this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

6NYCRR Part 201-6

This regulation applies to those terms and conditions which are subject to Title V permitting. It establishes the applicability criteria for Title V permits, the information to be included in all Title V permit applications as well as the permit content and terms of permit issuance. This rule also specifies the compliance, monitoring, recordkeeping, reporting, fee, and procedural requirements that need to be met to obtain a Title V permit, modify the permit and demonstrate conformity with applicable requirements as listed in the Title V permit. For permitting purposes, this rule specifies the need to identify and describe all emission units, processes and products in the permit application as well as providing the Department the authority to include this and any other information that it deems necessary to determine the compliance status of the facility.

6NYCRR 201-6.5(a)(4)

This mandatory requirement applies to all Title V facilities. It requires the permittee to provide information that the Department may request in writing, within a reasonable time, in order to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. The request may include copies of records required to be kept by the permit.

6NYCRR 201-6.5(a)(7)

This is a mandatory condition that requires the owner or operator of a facility subject to Title V requirements to pay all applicable fees associated with the emissions from their facility.

6NYCRR 201-6.5(a)(8)

This is a mandatory condition for all facilities subject to Title V requirements. It allows the Department to inspect the facility to determine compliance with this permit, including copying records, sampling and monitoring, as necessary.

6NYCRR Part 201-6.5(c)

Permit Review Report

Permit ID: 8-4824-00159/00001

04/21/2009

This requirement specifies, in general terms, what information must be contained in any required compliance monitoring records and reports. This includes the date, time and place of any sampling, measurements and analyses; who performed the analyses; analytical techniques and methods used as well as any required QA/QC procedures; results of the analyses; the operating conditions at the time of sampling or measurement and the identification of any permit deviations. All such reports must also be certified by the designated responsible official of the facility.

6NYCRR Part 201-6.5(c)(2)

This requirement specifies that all compliance monitoring and recordkeeping is to be conducted according to the terms and conditions of the permit and follow all QA requirements found in applicable regulations. It also requires monitoring records and supporting information to be retained for at least 5 years from the time of sampling, measurement, report or application. Support information is defined as including all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

6NYCRR Part 201-6.5(c)(3)(ii)

This regulation specifies any reporting requirements incorporated into the permit must include provisions regarding the notification and reporting of permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken.

6NYCRR 201-6.5(d)(5)

This condition applies to every Title V facility subject to a compliance schedule. It requires that reports, detailing the status of progress on achieving compliance with emission standards, be submitted semiannually.

6NYCRR Part 201-6.5(e)

Sets forth the general requirements for compliance certification content; specifies an annual submittal frequency; and identifies the EPA and appropriate regional office address where the reports are to be sent.

6NYCRR 201-6.5(f)(6)

This condition allows changes to be made at the facility, without modifying the permit, provided the changes do not cause an emission limit contained in this permit to be exceeded. The owner or operator of the facility must notify the Department of the change. It is applicable to all Title V permits which may be subject to an off permit change.

6NYCRR Part 201-6.5(g)

Permit Exclusion Provisions - specifies those actions, such as administrative orders, suits, claims for natural resource damages, etc that are not affected by the federally enforceable portion of the permit, unless they are specifically addressed by it.

6NYCRR Part 202-1.1

This regulation allows the department the discretion to require an emission test for the purpose of determining compliance. Furthermore, the cost of the test, including the preparation of the report are to be borne by the owner/operator of the source.



Permit Review Report

Permit ID: 8-4624-00159/00001
04/21/2009

6NYCRR Part 202-2.1

Requires that emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

6NYCRR Part 202-2.5

This rule specifies that each facility required to submit an emission statement must retain a copy of the statement and supporting documentation for at least 5 years and must make the information available to department representatives.

6NYCRR Part 211-2

This regulation prohibits any emissions of air contaminants to the outdoor atmosphere which may be detrimental to human, plant or animal life or to property, or which unreasonably interferes with the comfortable enjoyment of life or property regardless of the existence of any specific air quality standard or emission limit.

6NYCRR Part 211.3

This condition requires that the opacity (i.e., the degree to which emissions other than water reduce the transmission of light) of the emissions from any air contamination source be less than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent.

6NYCRR Part 215

Prohibits open fires at industrial and commercial sites.

40 CFR Part 68.

This Part lists the regulated substances and their applicability thresholds and sets the requirements for stationary sources concerning the prevention of accidental releases of these substances.

40 CFR Part 82, Subpart F

Subpart F requires the reduction of emissions of class I and class II refrigerants to the lowest achievable level during the service, maintenance, repair, and disposal of appliances in accordance with section 608 of the Clean Air Act Amendments of 1990. This subpart applies to any person servicing, maintaining, or repairing appliances except for motor vehicle air conditioners. It also applies to persons disposing of appliances, including motor vehicle air conditioners, refrigerant reclaimers, appliance owners, and manufacturers of appliances and recycling and recovery equipment. Those individuals, operations, or activities affected by this rule, may be required to comply with specified disposal, recycling, or recovery practices, leak repair practices, recordkeeping and/or technician certification requirements.

Facility Specific Requirements

In addition to Title V, SREC BATH LFGTE FACILITY has been determined to be subject to the following regulations:

40CFR 52-A.21

This citation applies to facilities that are subject to Prevention of Significant Deterioration provisions; ie: facilities that are located in an attainment area and that emit pollutants which are listed in

Permit Review Report

Permit ID: 8-4624-00159/00001
04/21/2009

40 CFR 52.21(b)(23)(i).

40CFR 60-A.12

This regulation prohibits an owner or operator from concealing emissions in violation of applicable standards by any means.

40CFR 60-A.14

This regulation defines the term modification and what is and is not considered to be a modification, for the purpose of rule applicability.

40CFR 60-A.15

This regulation defines the term reconstruction and what is and is not considered to be a reconstruction project, for the purpose of rule applicability.

40CFR 60-A.4

This condition lists the USEPA Region 2 address for the submittal of all communications to the "Administrator". In addition, all such communications must be copied to NYSDEC Bureau of Quality Assurance (BQA).

40CFR 60-A.7 (b)

This regulation requires the owner or operator to maintain records of the occurrence and duration of any startup, shutdown, or malfunction of the source or control equipment or continuous monitoring system.

40CFR 60-A.7 (c)

This requirement details the information to be submitted in excess emissions and monitoring systems performance reports which must be submitted at least semi-annually for sources with compliance monitoring systems.

40CFR 60-A.7 (d)

This condition specifies the required information and format for a summary report form and details when either a summary form and/or excess emissions reports are required.

40CFR 60-A.7 (f)

This condition specifies requirements for maintenance of files of all measurements, including continuous monitoring system (CMS), monitoring device, and performance testing measurements; all CMS performance evaluations; all CMS or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices for at least two years.

40CFR 60-A.7 (g)

This condition allows source owners to use reporting required for state or local agencies to satisfy the paragraph (a) reporting requirements of this section of this rule.

40CFR 60-A.9

This rule citation allows the public access to any information submitted to the EPA Administrator (or state contact), in conjunction with a project subject to this section of the regulation.

6NYCRR 201-6.5 (f)

This regulation defines in general terms under what circumstances changes would be allowed without a permit modification provided the permit contains sufficient operational flexibility provisions.

6NYCRR 201-7

This regulation sets forth an emission cap that cannot be exceeded by the facility. In this permit that cap is 100 tons



Permit Review Report

Permit ID: 8-4624-00159/00001

04/21/2009

per year of NOx and 250 tons/year of CO.

6NYCRR 227-1.3 (a)

This regulation prohibits any person from operating a stationary combustion installation which emits smoke equal to or greater than 20% opacity except for one six-minute period per hour of not more than 27% opacity.

6NYCRR 227-2

This regulation limits the emission of oxides of nitrogen (NOx) from stationary combustion installations (boilers, combustion turbines and internal combustion engines).

6NYCRR 231-2

The provisions of Subpart 231-2 apply to new or modified major facilities. The contaminants of concern state-wide are nitrogen oxides and volatile organic compounds since New York State is located in the ozone transport region and because there are ozone non-attainment areas within the state. In addition, particulate matter less than 10 microns in size (PM-10) is a non-attainment contaminant in Manhattan County.

Non Applicability Analysis

List of non-applicable rules and regulations:

Location Facility/EU/EP/Process/ES	Regulation	Short Description
FACILITY	40CFR 52-A.21	Prevention of Significant Deterioration
Reason: Emissions of carbon monoxide will remain below the applicable threshold of 250 tons per year, therefore, based on this application, PSD will not apply to this project.		
FACILITY	40CFR 60-WWW.752(b)(2)	Standards for air emissions from MSW landfills
Reason: Landfill gas will be treated via compression, cooling and filtration system by the landfill facility prior to use by the internal combustion engines. Additionally, the landfill itself is not required to comply with this rule because they are not required to have gas collection and control. Therefore, the energy plant is not required to comply with this requirement.		
FACILITY	6NYCRR 227-2	Reasonably available control technology for NOx
Reason: Emissions of NOx will remain below 100 tons per year, and the facility will also not be a major source of HAPs. Therefore, the NOx RACT will not apply to the facility. However, the engines do comply with the April 1, 2005 RACT limit of 2.0 g/Bhp-hr of NOx, based on information provided by the manufacturer.		
FACILITY	6NYCRR 231-2.2	Applicability

Reason: Emissions of VOC and NOx will remain below the applicable threshold of 50 and 100 tons per year, respectively. Therefore, based on this application, New Source Review does not apply.

NOTE: Non-applicability determinations are cited as a permit condition under 6 NYCRR Part 201-6.5(g). This information is optional and provided only if the applicant is seeking to obtain formal confirmation, within an issued Title V permit, that specified activities are not subject to the listed federal applicable or state only requirement. The applicant is seeking to obtain verification that a requirement does not apply for the stated reason(s) and the Department has agreed to include the non-applicability determination in the issued Title V permit which in turn provides a shield against any potential enforcement action.

Compliance Certification

Summary of monitoring activities at SREC BATH LFGTE FACILITY:



Permit Review Report

Permit ID: 8-4624-00159/00001

04/21/2009

Location Facility/EU/EP/Process/ES	Cond No.	Type of Monitoring
FACILITY	36	record keeping/maintenance procedures
FACILITY	5	record keeping/maintenance procedures
FACILITY	6	record keeping/maintenance procedures
FACILITY	24	record keeping/maintenance procedures
FACILITY	27	work practice involving specific operations
FACILITY	28	work practice involving specific operations
FACILITY	29	intermittent emission testing
FACILITY	30	intermittent emission testing
FACILITY	31	intermittent emission testing
FACILITY	32	intermittent emission testing
FACILITY	33	record keeping/maintenance procedures
FACILITY	7	record keeping/maintenance procedures
1-LFGTE/-/GAS	47	monitoring of process or control device parameters as surrogate

Basis for Monitoring

6NYCRR Part 201-6.5(f): The facility will keep records of changes that meet the op-flex definition.

6NYCRR Part 227-1.3(a): The facility will perform a visual observation of opacity on a daily basis to ensure that they remain below 20% opacity for all the engines in the facility.

6NYCRR Part 201-7.2: The facility has a cap for 100 tons per year of NOx and 250 tons per year of CO. The facility will submit an operating plan to the Department for approval to ensure that the engines are operating properly and stay within the emission limits determined in the stack test. The facility will perform a stack test on one of the engines to determine the emission factors for NOx and CO. The facility will maintain records of gas use and power produced and keep a 12 month rolling total for NOx and CO. This will ensure that they stay under the caps in order to not be subject to NOxRACT, New Source Review and PSD. Additionally, the facility will perform quarterly instantaneous monitoring using a portable analyzer for NOx and CO to confirm emission factors obtained during the stack testing.

6NYCRR Part 202-1.1: The facility will track when they complete a stack test for NOx and CO.

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 8462400159 Facility SREC BATH LFGTE FACILITY

Location TURNPIKE RD - S SIDE - W OF CO RTE 15 BATH, NY

Permit ID 8-4624-00159/00001 Application Recv'd 06/26/2008 Renewal No: 0

Permit Type ATV Status Issued

Compliance Assurance Monitoring

Cond Num	Monitored Parameter	Lower Limit	Units	Upper Limit	Activity Type
	Regulated Contaminant				Reporting Frequency
	Process Material				Monitoring Frequency
					Averaging Method

5

RECORD KEEPING/MAINTENANCE PROCEDURES

SEMI-ANNUALLY (CALENDAR)

TO MEET THE REQUIREMENTS OF THIS FACILITY PERMIT WITH RESPECT TO REPORTING, THE PERMITTEE MUST:

SUBMIT REPORTS OF ANY REQUIRED MONITORING AT A MINIMUM FREQUENCY OF EVERY 6 MONTHS, BASED ON A CALENDAR YEAR REPORTING SCHEDULE. THESE REPORTS SHALL BE SUBMITTED TO THE DEPARTMENT WITHIN 30 DAYS AFTER THE END OF A REPORTING PERIOD. ALL INSTANCES OF DEVIATIONS FROM PERMIT REQUIREMENTS MUST BE CLEARLY IDENTIFIED IN SUCH REPORTS. ALL REQUIRED REPORTS MUST BE CERTIFIED BY THE RESPONSIBLE OFFICIAL FOR THIS FACILITY.

NOTIFY THE DEPARTMENT AND REPORT PERMIT DEVIATIONS AND INCIDENCES OF NONCOMPLIANCE STATING THE PROBABLE CAUSE OF SUCH DEVIATIONS, AND ANY CORRECTIVE ACTIONS OR PREVENTIVE MEASURES TAKEN. WHERE THE UNDERLYING APPLICABLE REQUIREMENT CONTAINS A DEFINITION OF PROMPT OR OTHERWISE SPECIFIES A TIME FRAME FOR REPORTING DEVIATIONS, THAT DEFINITION OR TIME FRAME SHALL GOVERN. WHERE THE UNDERLYING APPLICABLE REQUIREMENT FAILS TO ADDRESS THE TIME FRAME FOR REPORTING DEVIATIONS, REPORTS OF DEVIATIONS SHALL BE SUBMITTED TO THE PERMITTING AUTHORITY BASED ON THE FOLLOWING SCHEDULE:

* (1) FOR EMISSIONS OF A HAZARDOUS AIR POLLUTANT (AS IDENTIFIED IN AN APPLICABLE REGULATION) THAT CONTINUE FOR MORE THAN AN HOUR IN EXCESS OF PERMIT REQUIREMENTS, THE REPORT MUST BE MADE WITHIN 24 HOURS OF THE OCCURRENCE.

(2) FOR EMISSIONS OF ANY REGULATED AIR POLLUTANT, EXCLUDING THOSE LISTED IN PARAGRAPH (1) OF THIS SECTION, THAT CONTINUE FOR MORE THAN TWO HOURS IN EXCESS OF PERMIT REQUIREMENTS, THE REPORT MUST BE MADE WITHIN 48 HOURS.

(3) FOR ALL OTHER DEVIATIONS FROM PERMIT REQUIREMENTS, THE REPORT SHALL BE CONTAINED IN THE 6 MONTH MONITORING REPORT REQUIRED ABOVE.

(4) THIS PERMIT MAY CONTAIN A MORE STRINGENT REPORTING REQUIREMENT THAN REQUIRED BY PARAGRAPHS (1), (2) OR (3) ABOVE. IF MORE STRINGENT REPORTING REQUIREMENTS HAVE BEEN PLACED IN THIS PERMIT OR EXIST IN APPLICABLE REQUIREMENTS THAT APPLY TO THIS FACILITY, THE MORE STRINGENT REPORTING REQUIREMENT SHALL APPLY.

IF ABOVE PARAGRAPHS (1) OR (2) ARE MET, THE SOURCE MUST NOTIFY THE PERMITTING AUTHORITY BY TELEPHONE DURING NORMAL BUSINESS HOURS AT THE REGIONAL OFFICE OF JURISDICTION FOR THIS PERMIT, ATTENTION REGIONAL AIR POLLUTION CONTROL ENGINEER (RAPCE) ACCORDING TO THE TIMETABLE LISTED IN PARAGRAPHS (1) AND (2) OF THIS SECTION. FOR DEVIATIONS AND INCIDENCES THAT MUST BE REPORTED OUTSIDE OF NORMAL BUSINESS HOURS, ON WEEKENDS, OR HOLIDAYS, THE DEC SPILL HOTLINE PHONE NUMBER AT 1-800-457-7362 SHALL BE USED. A WRITTEN NOTICE, CERTIFIED BY A RESPONSIBLE OFFICIAL CONSISTENT WITH 6 NYCRR PART 201-6.3(D)(12), MUST BE SUBMITTED WITHIN 10 WORKING DAYS OF AN OCCURRENCE FOR DEVIATIONS REPORTED UNDER (1) AND (2). ALL DEVIATIONS REPORTED UNDER PARAGRAPHS (1) AND (2) OF THIS SECTION MUST

**** No Data

A1

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 8462400159 Facility SREC BATH LFGTE FACILITY

Location TURNPIKE RD - S SIDE - W OF CO RTE 15 BATH, NY

Permit ID 8-4624-00159/00001 Application Recv'd 06/26/2008 Renewal No: 0

Permit Type ATV Status Issued

Compliance Assurance Monitoring

Monitored Parameter

Activity Type

Reporting Frequency

Cond Regulated Contaminant

Lower Limit

Upper Limit

Monitoring Frequency

Num Process Material

Units

Averaging Method

ALSO BE IDENTIFIED IN THE 6 MONTH MONITORING REPORT REQUIRED ABOVE.

☐ THE PROVISIONS OF 6 NYCRR 201-1.4 SHALL APPLY IF THE PERMITTEE SEEKS TO HAVE A VIOLATION EXCUSED UNLESS OTHERWISE LIMITED BY REGULATION. IN ORDER TO HAVE A VIOLATION OF A FEDERAL REGULATION (SUCH AS A NEW SOURCE PERFORMANCE STANDARD OR NATIONAL EMISSIONS STANDARD FOR HAZARDOUS AIR POLLUTANTS) EXCUSED, THE SPECIFIC FEDERAL REGULATION MUST PROVIDE FOR AN AFFIRMATIVE DEFENSE DURING START-UP, SHUTDOWNS, MALFUNCTIONS OR UPSETS. NOTWITHSTANDING ANY RECORDKEEPING AND REPORTING REQUIREMENTS IN 6 NYCRR 201-1.4, REPORTS OF ANY DEVIATIONS SHALL NOT BE ON A LESS FREQUENT BASIS THAN THE REPORTING PERIODS DESCRIBED IN PARAGRAPHS (1) AND (4) ABOVE.

☐ IN THE CASE OF ANY CONDITION CONTAINED IN THIS PERMIT WITH A REPORTING REQUIREMENT OF "UPON REQUEST BY REGULATORY AGENCY" THE PERMITTEE SHALL INCLUDE IN THE SEMIANNUAL REPORT, A STATEMENT FOR EACH SUCH CONDITION THAT THE MONITORING OR RECORDKEEPING WAS PERFORMED AS REQUIRED OR REQUESTED AND A LISTING OF ALL INSTANCES OF DEVIATIONS FROM THESE REQUIREMENTS.

☐ IN THE CASE OF ANY EMISSION TESTING PERFORMED DURING THE PREVIOUS SIX MONTH REPORTING PERIOD, EITHER DUE TO A REQUEST BY THE DEPARTMENT, EPA, OR A REGULATORY REQUIREMENT, THE PERMITTEE SHALL INCLUDE IN THE SEMIANNUAL REPORT A SUMMARY OF THE TESTING RESULTS AND SHALL INDICATE WHETHER OR NOT THE DEPARTMENT OR EPA HAS APPROVED THE RESULTS.

☐ ALL SEMIANNUAL REPORTS SHALL BE SUBMITTED TO THE ADMINISTRATOR (OR HIS OR HER REPRESENTATIVE) AS WELL AS TWO COPIES TO THE DEPARTMENT (ONE COPY TO THE REGIONAL AIR POLLUTION CONTROL ENGINEER (RAPCE) IN THE REGIONAL OFFICE AND ONE COPY TO THE BUREAU OF QUALITY ASSURANCE (BQA) IN THE DEC CENTRAL OFFICE). MAILING ADDRESSES FOR THE ABOVE REFERENCED PERSONS ARE CONTAINED IN THE MONITORING CONDITION FOR 6 NYCRR PART 201-6.5(E), CONTAINED ELSEWHERE IN THIS PERMIT.

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 8462400159 Facility SREC BATH LFGTE FACILITY

Location TURNPIKE RD - S SIDE - W OF CO RTE 15 BATH, NY

Permit ID 8-4624-00159/00001 Application Recv'd 06/26/2008 Renewal No: 0

Permit Type ATV Status Issued

Compliance Assurance Monitoring

Cond Num	Monitored Parameter	Lower Limit	Upper Limit	Activity Type
	Regulated Contaminant			Reporting Frequency
	Process Material	Units		Monitoring Frequency
				Averaging Method

6

RECORD KEEPING/MAINTENANCE PROCEDURES

ANNUALLY (CALENDAR)

REQUIREMENTS FOR COMPLIANCE CERTIFICATIONS WITH TERMS AND CONDITIONS CONTAINED IN THIS FACILITY PERMIT INCLUDE THE FOLLOWING:

ANNUALLY

I. COMPLIANCE CERTIFICATIONS SHALL CONTAIN:

- THE IDENTIFICATION OF EACH TERM OR CONDITION OF THE PERMIT THAT IS THE BASIS OF THE CERTIFICATION;
- THE COMPLIANCE STATUS;
- WHETHER COMPLIANCE WAS CONTINUOUS OR INTERMITTENT;
- THE METHOD(S) USED FOR DETERMINING THE COMPLIANCE STATUS OF THE FACILITY, CURRENTLY AND OVER THE REPORTING PERIOD CONSISTENT WITH THE MONITORING AND RELATED RECORDKEEPING AND REPORTING REQUIREMENTS OF THIS PERMIT;
- SUCH OTHER FACTS AS THE DEPARTMENT MAY REQUIRE TO DETERMINE THE COMPLIANCE STATUS OF THE FACILITY AS SPECIFIED IN ANY SPECIAL PERMIT TERMS OR CONDITIONS; AND
- SUCH ADDITIONAL REQUIREMENTS AS MAY BE SPECIFIED ELSEWHERE IN THIS PERMIT RELATED TO COMPLIANCE CERTIFICATION.

II. THE RESPONSIBLE OFFICIAL MUST INCLUDE IN THE ANNUAL CERTIFICATION REPORT ALL TERMS AND CONDITIONS CONTAINED IN THIS PERMIT WHICH ARE IDENTIFIED AS BEING SUBJECT TO CERTIFICATION, INCLUDING EMISSION LIMITATIONS, STANDARDS, OR WORK PRACTICES. THAT IS, THE PROVISIONS LABELED HEREIN AS "COMPLIANCE CERTIFICATION" ARE NOT THE ONLY PROVISIONS OF THIS PERMIT FOR WHICH AN ANNUAL CERTIFICATION IS REQUIRED.

III. COMPLIANCE CERTIFICATIONS SHALL BE SUBMITTED ANNUALLY. CERTIFICATION REPORTS ARE DUE 30 DAYS AFTER THE ANNIVERSARY DATE OF FOUR CONSECUTIVE CALENDAR QUARTERS. THE FIRST REPORT IS DUE 30 DAYS AFTER THE CALENDAR QUARTER THAT OCCURS JUST PRIOR TO THE PERMIT ANNIVERSARY DATE, UNLESS ANOTHER QUARTER HAS BEEN ACCEPTABLE BY THE DEPARTMENT.

IV. ALL COMPLIANCE CERTIFICATIONS SHALL BE SUBMITTED TO THE ADMINISTRATOR (OR HIS OR HER REPRESENTATIVE) AS WELL AS TWO COPIES TO THE DEPARTMENT (ONE COPY TO THE REGIONAL AIR POLLUTION CONTROL ENGINEER (RAPCE) IN THE REGIONAL OFFICE AND ONE COPY TO THE BUREAU OF QUALITY ASSURANCE (BQA) IN THE DEC CENTRAL OFFICE). PLEASE SEND ANNUAL COMPLIANCE CERTIFICATIONS TO CHIEF OF THE STATIONARY SOURCE COMPLIANCE SECTION, THE REGION 2 EPA REPRESENTATIVE FOR THE ADMINISTRATOR, AT THE FOLLOWING ADDRESS:

USEPA REGION 2
AIR COMPLIANCE BRANCH
290 BROADWAY
NEW YORK, NY 10007-1866

**** No Data

A3

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS: ***

DEC ID 8462400159 Facility SREC BATH LFGTE FACILITY

Location TURNPIKE RD - S SIDE - W OF CO RTE 15 BATH, NY

Permit ID 8-4624-00159/00001 Application Recv'd 06/26/2008 Renewal No: 0

Permit Type ATV Status Issued

Compliance Assurance Monitoring

Monitored Parameter

Cond Regulated Contaminant
 Num Process Material

Lower Limit Upper Limit
 Units

Activity Type

Reporting Frequency

Monitoring Frequency

Averaging Method

24

OPERATIONAL FLEXIBILITY PLAN

PLAN OBJECTIVE

THE OBJECTIVE OF THIS PLAN IS TO MAXIMIZE OPERATIONAL FLEXIBILITY BY BUILDING INTO THE TITLE V PERMIT THE CAPABILITY TO MAKE MINOR CHANGES FOLLOWING A PRE-ESTABLISHED PROTOCOL AS ALLOWED FOR IN 6NYCRR PART 201-6.5(F).

THIS PLAN DOES NOT ADDRESS THOSE TYPES OF CHANGES THAT WOULD INVOKE THE PART 201-6.7(D) "SIGNIFICANT PERMIT MODIFICATION". RATHER, IT ADDRESSES CHANGES THAT QUALIFY AS MINOR MODIFICATIONS PURSUANT TO THE CRITERIA SPECIFIED BY PART 201-6.7(C).

PROTOCOL FOR CHANGES

(1) CERTAIN CHANGES WHICH MEET THE CRITERIA UNDER (I) - (III) BELOW MAY BE CONDUCTED WITHOUT PRIOR APPROVAL OF THE DEPARTMENT AND SHALL NOT REQUIRE MODIFICATION OF THE PERMIT. THE FACILITY OWNER AND/OR OPERATOR MUST HOWEVER MAINTAIN RECORDS OF THE DATE AND DESCRIPTION OF SUCH CHANGES AND MAKE SUCH RECORDS AVAILABLE FOR REVIEW BY DEPARTMENT REPRESENTATIVES UPON REQUEST.

(I) CHANGES THAT DO NOT CAUSE EMISSIONS TO EXCEED ANY EMISSION LIMITATION CONTAINED IN REGULATIONS OR APPLICABLE REQUIREMENTS UNDER THIS CHAPTER;

(II) CHANGES WHICH DO NOT CAUSE THE SUBJECT EMISSION UNIT, EMISSION SOURCE, PROCESS, OR EMISSION POINT TO BECOME SUBJECT TO ANY ADDITIONAL REGULATIONS OR REQUIREMENTS UNDER THIS CHAPTER;

(III) CHANGES THAT DO NOT SEEK TO ESTABLISH OR MODIFY A FEDERALLY-ENFORCEABLE EMISSION CAP OR LIMIT.

(2) IN ADDITION TO THE RECORD KEEPING REQUIRED UNDER (1) ABOVE, THE PERMITTEE MUST NOTIFY THE DEPARTMENT IN WRITING AT LEAST 30 CALENDAR DAYS IN ADVANCE OF MAKING CHANGES INVOLVING:

(I) THE INSTALLATION OR RELOCATION OF ANY EMISSION SOURCE, PROCESS, OR EMISSION POINT WITHIN A FACILITY;

(II) THE EMISSION OF ANY AIR POLLUTANT NOT PREVIOUSLY AUTHORIZED OR EMITTED IN ACCORDANCE WITH A PERMIT ISSUED BY THE DEPARTMENT;

(III) THE INSTALLATION OR ALTERATION OF ANY AIR CLEANING INSTALLATION, DEVICE OR CONTROL EQUIPMENT.

**** No Data

A5

RECORD KEEPING/MAINTENANCE PROCEDURES

ANNUALLY (CALENDAR)

AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 8462400159 Facility SREC BATH LFGTE FACILITY

Location TURNPIKE RD - S SIDE - W OF CO RTE 15 BATH, NY

Permit ID 8-4624-00159/00001 Application Recv'd 06/26/2008 Renewal No: 0

Permit Type ATV Status Issued

Compliance Assurance Monitoring

Cond Num	Monitored Parameter	Lower Limit	Upper Limit	Activity Type
	Regulated Contaminant			Reporting Frequency
	Process Material		Units	Monitoring Frequency
				Averaging Method

(3) THE DEPARTMENT MAY REQUIRE A PERMIT MODIFICATION, IN ORDER TO IMPOSE NEW APPLICABLE REQUIREMENTS OR SPECIAL PERMIT CONDITIONS IF IT DETERMINES THAT CHANGES PROPOSED PURSUANT TO NOTIFICATION UNDER (2) ABOVE DO NOT MEET THE CRITERIA UNDER (1) OR THE CHANGE MAY HAVE A SIGNIFICANT AIR QUALITY IMPACT. IN SUCH CASES THE DEPARTMENT MAY REQUIRE THAT THE PERMITTEE NOT UNDERTAKE THE PROPOSED CHANGE UNTIL IT COMPLETES A MORE DETAILED REVIEW OF THE POTENTIAL AIR QUALITY IMPACTS AND/OR APPLICABLE REQUIREMENTS. THE DEPARTMENT SHALL RESPOND TO THE PERMITTEE IN WRITING WITH SUCH A DETERMINATION WITHIN 15 DAYS OF RECEIPT OF THE 30 DAY ADVANCE NOTIFICATION FROM THE PERMITTEE. THE DEPARTMENT'S DETERMINATION SHALL INCLUDE A LISTING OF INFORMATION NECESSARY TO FURTHER REVIEW THE PROPOSED CHANGE.

REPORTING

ON AN ANNUAL BASIS, THE FACILITY MUST SUBMIT A SUMMARY OF ALL CHANGES MADE UNDER THE PROTOCOL FOR CHANGES DURING THAT YEAR. THIS SUMMARY IS TO BE SUBMITTED AS PART OF THE ANNUAL COMPLIANCE CERTIFICATION PURSUANT TO 6NYCRR PART 201-6.5(E).

27	ELECTRICAL LOAD OUTPUT		100	WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
CAP	OXIDES OF NITROGEN	tons per year		
	ELECTRICAL LOAD OUTPUT			SEMI-ANNUALLY (CALENDAR)
	THE SUM OF EMISSIONS OF OXIDES OF NITROGEN (NOX) FROM THIS FACILITY ARE LIMITED TO LESS THAN 100 TONS/YEAR CALCULATED ON A ROLLING 12 MONTH TOTAL. THIS LIMIT ENSURES THAT THE FACILITY WILL REMAIN UNDER THE THRESHOLD TO BE APPLICABLE TO 6NYCRR PART 227-2 NOX RACT AND PART 231 NEW SOURCE REVIEW. THE FACILITY SHALL CALCULATE MONTHLY NOX EMISSIONS FROM THE ENGINES USING DAILY INDIVIDUAL BHP PRODUCTION DATA BASED ON THE AMOUNT OF ELECTRICITY THAT IS GENERATED BY EACH ENGINE AND THE RESULTS FROM THE APPROVED STACK TEST REPORT FOR EMISSION FACTORS (RESULTS OF QUARTERLY INSTANTANEOUS NOX MONITORING WILL BE USED TO CONFIRM PROPER OPERATION OF THE ENGINES AND THE ACCURACY OF THE EMISSION FACTORS). ALL OTHER SOURCES OF NOX EMISSIONS SHALL BE CALCULATED AND INCLUDED IN THE FACILITY'S ROLLING 12 MONTH TOTAL. THE FACILITY SHALL KEEP THESE RECORDS IN A FORMAT ACCEPTABLE TO THE DEPARTMENT.			AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
				12 MONTH AVERAGE - ROLLED MONTHLY

Following Emission unit(EU), Emission point(EP), Process(PROC), Emission Source(ES) apply to this monitoring:

EU: 1-LFGTE/PROC: GAS

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 8462400159 Facility SREC BATH LFGTE FACILITY

Location TURNPIKE RD - S SIDE - W OF CO RTE 15 BATH, NY

Permit ID 8-4624-00159/00001 Application Recv'd 06/26/2008 Renewal No: 0

Permit Type ATV Status Issued

Compliance Assurance Monitoring

Cond Num	Monitored Parameter Regulated Contaminant Process Material	Lower Limit	Upper Limit	Activity Type
				Reporting Frequency
			Units	Monitoring Frequency
				Averaging Method
28	ELECTRICAL LOAD OUTPUT		250	WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
CAP	CARBON MONOXIDE	tons per year		SEMI-ANNUALLY (CALENDAR)
	ELECTRICAL LOAD OUTPUT			AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
	<p>THE SUM OF EMISSIONS OF CARBON MONOXIDE FROM THIS FACILITY ARE LIMITED TO 250 TONS/YEAR CALCULATED ON A ROLLING 12 MONTH TOTAL. THIS LIMIT ENSURES THAT THE FACILITY WILL REMAIN UNDER THE THRESHOLD TO BE CONSIDERED PSD MAJOR. THE FACILITY SHALL CALCULATE MONTHLY CARBON MONOXIDE EMISSIONS FROM THE ENGINES USING DAILY INDIVIDUAL BHP PRODUCTION DATA BASED ON THE AMOUNT OF ELECTRICITY THAT IS GENERATED BY EACH ENGINE AND THE RESULTS FROM THE APPROVED STACK TEST REPORT FOR EMISSION FACTORS (RESULTS OF QUARTERLY INSTANTANEOUS CARBON MONOXIDE MONITORING WILL BE USED TO CONFIRM PROPER OPERATION OF THE ENGINES AND THE ACCURACY OF THE EMISSION FACTORS). ALL OTHER SOURCES OF CARBON MONOXIDE EMISSIONS SHALL BE CALCULATED AND INCLUDED IN THE FACILITY'S ROLLING 12 MONTH TOTAL. THE FACILITY SHALL KEEP THESE RECORDS IN A FORMAT ACCEPTABLE TO THE DEPARTMENT.</p>			12 MONTH AVERAGE - ROLLED MONTHLY
	<p>Following Emission unit(EU), Emission point(EP), Process(PROC), Emission Source(ES) apply to this monitoring: EU: 1-LFGTE/PROC: GAS</p>			
29	****		250	INTERMITTENT EMISSION TESTING
CAP	CARBON MONOXIDE	tons per year		SEMI-ANNUALLY (CALENDAR)
	****			QUARTERLY
	<p>IN ORDER TO SHOW COMPLIANCE WITH THE PERMIT LIMIT OF 250 TONS PER YEAR OF CARBON MONOXIDE, THE FACILITY IS REQUIRED TO CONDUCT QUARTERLY INSTANTANEOUS TESTING OVER A 15-MINUTE PERIOD (IN ORDER TO ENSURE A STABILIZED READING) PER CALENDAR YEAR USING A PORTABLE CO ANALYZER ON ALL THE ENGINES. THE SAMPLING WILL BE DONE IN ACCORDANCE WITH THE ANALYZER MANUFACTURER'S RECOMMENDATIONS FOR TESTING AND CALIBRATION (USING NON-EPA METHODS). RESULTS FROM THIS TESTING WILL BE USED TO VERIFY STACK TEST RESULTS AND CONFIRM PROPER OPERATION OF THE ENGINES.</p>			AVERAGING METHOD - SEE MONITORING DESCRIPTION
	<p>THE FACILITY SHALL USE THE AVERAGE FLOW EXHAUST RATE DETERMINED IN THE MOST RECENT APPROVED PERFORMANCE TEST IN ORDER TO CONVERT THE CONCENTRATION MEASURED TO A MASS RATE FOR THE PURPOSE OF DEMONSTRATING COMPLIANCE WITH THE SPECIFIED LIMIT.</p>			
	<p>IF TWO CONSECUTIVE INSTANTANEOUS QUARTERLY SAMPLES SHOW A DISCREPANCY OF 10 PERCENT OR MORE FROM THE ORIGINAL STACK TEST RESULTS OR IF ONE QUARTERLY SAMPLE IS OFF BY 20% OR MORE FROM THE ORIGINAL STACK TEST RESULTS, THEN THE FACILITY MUST NOTIFY THE DEPARTMENT AND A NEW STACK TEST MAY BE REQUIRED TO SHOW COMPLIANCE.</p>			
	<p>Following Emission unit(EU), Emission point(EP), Process(PROC), Emission Source(ES) apply to this monitoring: EU: 1-LFGTE/PROC: GAS</p>			

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 8462400159 Facility SREC BATH LFGTE FACILITY

Location TURNPIKE RD - S SIDE - W OF CO RTE 15 BATH, NY

Permit ID 8-4624-00159/00001 Application Recv'd 06/26/2008 Renewal No: 0

Permit Type ATV Status Issued

Compliance Assurance Monitoring

Cond Num	Monitored Parameter Regulated Contaminant Process Material	Lower Limit	Units	Upper Limit	Activity Type
					Reporting Frequency
30	OXIDES OF NITROGEN		tons per year	100	INTERMITTENT EMISSION TESTING ANNUALLY (CALENDAR) AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

FACILITY EMISSIONS OF OXIDES OF NITROGEN (NOX) MUST REMAIN BELOW THE MAJOR SOURCE THRESHOLD OF 100 TONS DURING ANY 12 MONTH PERIOD.

COMPLIANCE WITH THIS EMISSION LIMIT SHALL BE DEMONSTRATED BY AN INITIAL PERFORMANCE TEST AS OUTLINED BELOW:

1. THE FACILITY MUST SUBMIT A COMPLIANCE TEST PROTOCOL TO THE DEPARTMENT FOR APPROVAL AT LEAST 60 DAYS PRIOR TO EMISSION TESTING. THE CONDITIONS OF THE TESTING AND THE LOCATIONS OF THE SAMPLING DEVICES MUST BE ACCEPTABLE TO THE DEPARTMENT.

2. THE FACILITY MUST UTILIZE THE PROCEDURE SET FORTH IN 40 CFR PART 60, SUBPART A, METHOD 7, 7E, OR 19, OR ANY OTHER METHOD ACCEPTABLE TO THE DEPARTMENT FOR DETERMINING COMPLIANCE WITH THE NOX LIMIT CONTAINED IN THIS CONDITION, AND MUST, IN ADDITION, FOLLOW THE PROCEDURES SET FORTH IN PART 202 OF THIS TITLE.

3. THE FACILITY MUST SUBMIT A COMPLIANCE TEST REPORT CONTAINING THE RESULTS OF THE EMISSION TEST TO THE DEPARTMENT NO LATER THAN 60 DAYS AFTER COMPLETION OF THE EMISSION TEST.

SINCE ALL THREE STATIONARY INTERNAL COMBUSTION DEVICES AT THIS FACILITY ARE IDENTICAL, ONLY ONE OF THE 3 INTERNAL COMBUSTION ENGINES WILL REQUIRE PERFORMANCE TESTING TO DEMONSTRATE COMPLIANCE WITH THIS NOX EMISSION LIMIT. THE INITIAL PERFORMANCE TEST MUST BE COMPLETED WITHIN 180 DAYS OF COMMENCEMENT OF OPERATION OF THESE EMISSION SOURCES. THE FACILITY MUST CONDUCT THE REQUIRED EMISSIONS TEST AT 100% +/- 10% LOAD ON THE ENGINE WITH THE MOST OPERATING HOURS AT THE TIME OF THE PERFORMANCE TEST.

PRIOR TO RENEWAL OF THE TITLE V PERMIT, THE FACILITY MUST COMPLETE A SECOND PERFORMANCE TEST UTILIZING THE PROCEDURES FOR ENGINE SELECTION AS DESCRIBED ABOVE. THIS PERFORMANCE TEST MUST BE COMPLETED NO LATER THAN 180 DAYS PRIOR TO EXPIRATION OF THE TITLE V PERMIT.

Following Emission unit(EU), Emission point(EP), Process(PROC), Emission Source(ES) apply to this monitoring:
EU: 1-LFGTE/PROC: GAS

**** No Data

A8.

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 8462400159 Facility SREC BATH LFGTE FACILITY

Location TURNPIKE RD - S SIDE - W OF CO RTE 15 BATH, NY

Permit ID 8-4624-00159/00001 Application Recv'd 06/26/2008 Renewal No: 0

Permit Type ATV Status Issued

Compliance Assurance Monitoring

Cond Num	Monitored Parameter	Lower Limit	Upper Limit	Activity Type
	Regulated Contaminant			Reporting Frequency
	Process Material	Units		Monitoring Frequency
				Averaging Method
31	OXIDES OF NITROGEN		100	INTERMITTENT EMISSION TESTING
			tons per year	SEMI-ANNUALLY (CALENDAR)
				QUARTERLY
				AVERAGING METHOD - SEE MONITORING DESCRIPTION

IN ORDER TO SHOW COMPLIANCE WITH THE PERMIT LIMIT OF 100 TONS PER YEAR OF OXIDES OF NITROGEN (NOX), THE FACILITY IS REQUIRED TO CONDUCT QUARTERLY INSTANTANEOUS TESTING OVER A 15-MINUTE PERIOD (IN ORDER TO ENSURE A STABILIZED READING) PER CALENDAR YEAR USING A PORTABLE NOX ANALYZER ON ALL THE ENGINES. THE SAMPLING WILL BE DONE IN ACCORDANCE WITH THE ANALYZER MANUFACTURER'S RECOMMENDATIONS FOR TESTING AND CALIBRATION (USING NON-EPA METHODS). RESULTS FROM THIS TESTING WILL BE USED TO VERIFY STACK TEST RESULTS AND CONFIRM PROPER OPERATION OF THE ENGINES.

THE FACILITY SHALL USE THE AVERAGE FLOW EXHAUST RATE DETERMINED IN THE MOST RECENT APPROVED PERFORMANCE TEST IN ORDER TO CONVERT THE CONCENTRATION MEASURED TO A MASS RATE FOR THE PURPOSE OF DEMONSTRATING COMPLIANCE WITH THE SPECIFIED LIMIT.

IF TWO CONSECUTIVE INSTANTANEOUS QUARTERLY SAMPLES SHOW A DISCREPANCY OF 10 PERCENT OR MORE FROM THE ORIGINAL STACK TEST RESULTS OR IF ONE QUARTERLY SAMPLE IS OFF BY 20% OR MORE FROM THE ORIGINAL STACK TEST RESULTS, THEN THE FACILITY MUST NOTIFY THE DEPARTMENT AND A NEW STACK TEST MAY BE REQUIRED TO SHOW COMPLIANCE.

Following Emission unit(EU), Emission point(EP), Process(PROC), Emission Source(ES) apply to this monitoring:
EU: 1-LFGTE/PROC: GAS

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 8462400159 Facility SREC BATH LFGTE FACILITY

Location TURNPIKE RD - S SIDE - W OF CO RTE 15 BATH, NY

Permit ID 8-4624-00159/00001 Application Recv'd 06/26/2008 Renewal No: 0

Permit Type ATV Status Issued

Compliance Assurance Monitoring

Cond Num	Monitored Parameter <u>Regulated Contaminant</u> Process Material	Lower Limit	Upper Limit	Units	Activity Type
					Reporting Frequency
					Monitoring Frequency
					Averaging Method
32	CARBON MONOXIDE		250		INTERMITTENT EMISSION TESTING
CAP	CARBON MONOXIDE			tons per year	ANNUALLY (CALENDAR)
<p>****</p> <p>FACILITY EMISSIONS OF CARBON MONOXIDE (CO) MUST REMAIN BELOW THE MAJOR SOURCE THRESHOLD OF 250 TONS DURING ANY 12 MONTH PERIOD.</p> <p>COMPLIANCE WITH THIS EMISSION LIMIT SHALL BE DEMONSTRATED BY AN INITIAL PERFORMANCE TEST AS OUTLINED BELOW:</p> <p>1. THE FACILITY MUST SUBMIT A COMPLIANCE TEST PROTOCOL TO THE DEPARTMENT FOR APPROVAL AT LEAST 60 DAYS PRIOR TO EMISSION TESTING. THE CONDITIONS OF THE TESTING AND THE LOCATIONS OF THE SAMPLING DEVICES MUST BE ACCEPTABLE TO THE DEPARTMENT.</p> <p>2. THE FACILITY MUST UTILIZE THE PROCEDURE SET FORTH IN 40 CFR PART 60, SUBPART A, METHOD 10, OR ANY OTHER METHOD ACCEPTABLE TO THE DEPARTMENT FOR DETERMINING COMPLIANCE WITH THE CO LIMIT CONTAINED IN THIS CONDITION, AND MUST, IN ADDITION, FOLLOW THE PROCEDURES SET FORTH IN PART 202 OF THIS TITLE.</p> <p>3. THE FACILITY MUST SUBMIT A COMPLIANCE TEST REPORT CONTAINING THE RESULTS OF THE EMISSION TEST TO THE DEPARTMENT NO LATER THAN 60 DAYS AFTER COMPLETION OF THE EMISSION TEST.</p> <p>SINCE ALL THREE STATIONARY INTERNAL COMBUSTION DEVICES AT THIS FACILITY ARE IDENTICAL, ONLY ONE OF THE 3 INTERNAL COMBUSTION ENGINES WILL REQUIRE PERFORMANCE TESTING TO DEMONSTRATE COMPLIANCE WITH THIS CO EMISSION LIMIT. THE INITIAL PERFORMANCE TEST MUST BE COMPLETED WITHIN 180 DAYS OF COMMENCEMENT OF OPERATION OF THESE EMISSION SOURCES. THE FACILITY MUST CONDUCT THE REQUIRED EMISSIONS TEST AT 100% +/- 10% LOAD ON THE ENGINE WITH THE MOST OPERATING HOURS AT THE TIME OF THE PERFORMANCE TEST.</p> <p>PRIOR TO RENEWAL OF THE TITLE V PERMIT, THE FACILITY MUST COMPLETE A SECOND PERFORMANCE TEST UTILIZING THE PROCEDURES FOR ENGINE SELECTION AS DESCRIBED ABOVE. THIS PERFORMANCE TEST MUST BE COMPLETED NO LATER THAN 180 DAYS PRIOR TO EXPIRATION OF THE TITLE V PERMIT.</p> <p>Following Emission unit(EU), Emission point(EP), Process(PROC), Emission Source(ES) apply to this monitoring: EU: 1-LFGTE/PROC: GAS</p>					<p>AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION</p> <p>AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED</p>

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 8462400159 Facility SREC BATH LFGTE FACILITY

Location TURNPIKE RD - S SIDE - W OF CO RTE 15 BATH, NY

Permit ID 8-4624-00159/00001 Application Recv'd 06/26/2008 Renewal No: 0

Permit Type ATV Status Issued

Compliance Assurance Monitoring

Monitored Parameter

Cond Regulated Contaminant
 Num Process Material

Lower Limit

Upper Limit

Units

Activity Type

Reporting Frequency

Monitoring Frequency

Averaging Method

33

CAP OXIDES OF NITROGEN

IN ORDER TO REMAIN BELOW THE 100 TPY PTE THRESHOLD OF A MAJOR SOURCE, THE OWNER WILL CAP EMISSIONS OF OXIDES OF NITROGEN (NOX). THIS LIMIT WILL ENSURE THAT THE FACILITY WILL NOT BE APPLICABLE TO 6NYCRR PART 227 NOX RACT PROVISIONS OR PART 231 NEW SOURCE REVIEW PROVISIONS.

THE FACILITY IS REQUIRED TO SUBMIT AN OPERATING PLAN AS DESCRIBED IN 6NYCRR PART 227-2.3(C) TO THE DEPARTMENT FOR APPROVAL. THE FACILITY MUST OPERATE THE ENGINES IN ACCORDANCE WITH THIS APPROVED OPERATING PLAN. THIS WILL ENSURE THAT THE ENGINES ARE OPERATING UNDER THE SAME CONDITIONS AS THE MOST RECENT APPROVED PERFORMANCE TEST. THE DOCUMENT SHALL BE UPDATED WHEN ANY CHANGES OCCUR.

Following Emission unit(EU), Emission point(EP), Process(PROC), Emission Source(ES) apply to this monitoring:

EU: 1-LFGTE/PROC: GAS

RECORD KEEPING/MAINTENANCE PROCEDURES

ANNUALLY (CALENDAR)

AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Summary of Compliance Requirements

***** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.**

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 8462400159 Facility SREC BATH LFGTE FACILITY

Location TURNPIKE RD - S SIDE - W OF CO RTE 15 BATH, NY

Permit ID 8-4624-00159/00001 Application Recv'd 06/26/2008 Renewal No: 0

Permit Type ATV Status Issued

Compliance Assurance Monitoring

Cond Num	Monitored Parameter	Lower Limit	Upper Limit	Activity Type
	Regulated Contaminant			Reporting Frequency
	Process Material		Units	Monitoring Frequency Averaging Method
36	**** **** ****			RECORD KEEPING/MAINTENANCE PROCEDURES SEMI-ANNUALLY (CALENDAR) CONTINUOUS ****
<p>AFFECTED OWNERS OR OPERATORS SHALL SUBMIT AN EXCESS EMISSIONS REPORT AND/OR A SUMMARY REPORT FORM (AS DEFINED IN 40 CFR 60.7(D)) SEMI-ANNUALLY (OR MORE FREQUENTLY AS REQUIRED BY THE APPLICABLE SUBPART OR THE ADMINISTRATOR), TO THE ADMINISTRATOR. THESE REPORTS SHALL BE POST MARKED NO LATER THAN 30 DAYS AFTER EACH SIX (6) MONTH PERIOD (OR AS APPROPRIATE), AND SHALL CONTAIN THE FOLLOWING INFORMATION:</p> <p>1) THE MAGNITUDE OF EXCESS EMISSIONS COMPUTED, ANY CONVERSION FACTORS USED, THE DATE AND TIME OF EACH OCCURRENCE, AND THE PROCESS OPERATING TIME DURING THE REPORTING PERIOD;</p> <p>2) SPECIFIC IDENTIFICATION OF EACH PERIOD OF EXCESS EMISSIONS THAT OCCUR DURING STARTUP, SHUTDOWN, OR MALFUNCTION, WHERE THE NATURE, CAUSE, AND CORRECTIVE ACTION ARE PROVIDED FOR A MALFUNCTION;</p> <p>3) THE DATE AND TIME IDENTIFYING EACH PERIOD DURING WHICH THE CONTINUOUS MONITORING SYSTEM WAS INOPERATIVE EXCEPT FOR ZERO AND SPAN CHECKS AND THE NATURE OF THE SYSTEM REPAIRS OR ADJUSTMENTS; AND</p> <p>4) WHEN NO EXCESS EMISSIONS HAVE OCCURRED OR WHEN THE CONTINUOUS MONITORING SYSTEM(S) HAVE NOT BEEN INOPERATIVE, REPAIRED, OR ADJUSTED, SUCH INFORMATION SHALL BE PROVIDED IN THE REPORT.</p>				

**** No Data

A12

Summary of Compliance Requirements

*** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF THE MONITORING REQUIREMENTS.

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 8462400159 Facility SREC BATH LFGTE FACILITY

Location TURNPIKE RD - S SIDE - W OF CO RTE 15 BATH, NY

Permit ID 8-4624-00159/00001 Application Recv'd 06/26/2008 Renewal No: 0

Permit Type ATV Status Issued

Compliance Assurance Monitoring

Monitored Parameter

Activity Type

Reporting Frequency

Cond Regulated Contaminant

Lower Limit

Upper Limit

Monitoring Frequency

Num Process Material

Units

Averaging Method

Emission Unit: 1-LFGTE Process: GAS

47 OPACITY

percent

20

MONITORING OF PROCESS OR
CONTROL DEVICE PARAMETERS
AS SURROGATE
SEMI-ANNUALLY (CALENDAR)

NO PERSON SHALL OPERATE A STATIONARY COMBUSTION INSTALLATION WHICH EXHIBITS GREATER THAN 20 PERCENT OPACITY (SIX MINUTE AVERAGE), EXCEPT FOR ONE SIX-MINUTE PERIOD PER HOUR OF NOT MORE THAN 27 PERCENT OPACITY. THE FACILITY WILL PERFORM A VISUAL OBSERVATION ON A DAILY BASIS. IF ANY OPACITY IS NOTED, CORRECTIVE ACTION WILL BE TAKEN IMMEDIATELY OR A METHOD 9 WILL BE PERFORMED WITHIN TWO BUSINESS DAYS.

AS REQUIRED - SEE PERMIT
MONITORING DESCRIPTION

6 MINUTE AVERAGE

Summary of Compliance Requirements

***** THIS SUMMARY IS NOT ENFORCEABLE BUT IS MERELY INTENDED TO PROVIDE A CONCISE VIEW OF FACILITY PERMISSIBLE EMISSIONS.**

READERS ARE DIRECTED TO THE MAIN PERMIT FOR DETAILS REGARDING ENFORCEABLE CONDITIONS. ***

DEC ID 8462400159 Facility SREC BATH LFGTE FACILITY

Location TURNPIKE RD - S SIDE - W OF CO RTE 15 BATH, NY

Permit ID 8-4624-00159/00001 - Application Recv'd 06/26/2008 Renewal No: 0

Permit Type ATV Status Issued

Facility Permissible Emissions

000630-08-0 CARBON MONOXIDE 500000 pounds per year

0NY210-00-0 OXIDES OF NITROGEN 200000 pounds per year

Process Permissible Emissions

Emission Unit: 1-LFGTE Process: GAS

000630-08-0 CARBON MONOXIDE 57.08 pounds per hour

000630-08-0 CARBON MONOXIDE 500000 pounds per year

0NY210-00-0 OXIDES OF NITROGEN 22.82 pounds per hour

0NY210-00-0 OXIDES OF NITROGEN 200000 pounds per year

January 30, 2012

Thomas Marriott
Regional Air Pollution Control Engineer
NYSDEC Region 8
6274 East Avon-Lima Road
Avon, New York 14414-9519

Re: SREC Bath LFGTE Facility
Semi-Annual CO & NOx Emission Cap Report
Air Title V Facility Permit #8-4624-00159/00001

File: 574.115.004

Dear Mr. Marriott:

On behalf of Casella Waste Systems, Inc. (Casella) Barton & Loguidice, P.C., is submitting the enclosed Semi-Annual Carbon Monoxide (CO) and Oxides of Nitrogen (NOx) Emission Cap Report for the SREC Bath LFGTE Facility located in, Bath, New York (Title V Air Permit #8-4624-00159/00001). Casella operates the SREC Bath LFGTE Facility which is owned by Steuben Rural Electric Cooperative Inc. (SREC). The SREC Bath LFGTE Facility began startup in November 2010 with the operation of a Cummins 2000 kW engine generator set. This engine is exempt from permitting under 6 NYCRR Part 201-3.2(c)(44) research and development activities and has been approved by the Department for a testing period of 6,000 hours at the SREC LFGTE Facility. In addition to the operation of the Cummins engine, two (2) Caterpillar G3520C engine generator sets were commissioned during 2011 (on 1/28/2011 (ENG02) and 6/1/2011 (ENG01)).

The facility is subject to an emission cap for CO of less than 500,000 pounds per year (250 tons per year) and an emission cap for NOx of less than 200,000 pounds per year (100 tons per year) to remain below Prevention of Significant Deterioration (PSD) and New Source Review (NSR) thresholds. Engine CO and NOx emissions are calculated monthly using the daily brake-horsepower (bhp) production data based on the amount of electricity that is generated by the engine and engine emission factors. The Cummins engine emission factors of 0.6 g/bhp-hr of NOx and 3.0 g/bhp-hr of CO were utilized to calculate emissions from this engine. These emission factors are less than the currently permitted emission rates for the Caterpillar engines at the SREC LFGTE facility, and were approved by the Department. The permitted Caterpillar emission factors of 1.0 g/bhp-hr of NOx and 3.8 g/bhp-hr of CO were utilized to calculate



Thomas Marriott
NYSDEC Region 8
January 30, 2012
Page 2

emissions for these engines until engine specific data was obtained from the May 17, 2011 performance test conducted on one (1) Caterpillar engine (ENG02). The average emission factors obtained from the May 17, 2011 performance test on Caterpillar engine (ENG02) of 0.89 g/bhp-hr of NOx and 2.97 g/bhp-hr of CO were utilized to calculate emissions from both Caterpillar engines as required by Permit.

In addition to the three (3) landfill gas fueled engines in operation during the reporting period, the facility operated an exempt emergency generator periodically during periods of utility power loss and for weekly testing. The emergency generator is an exempt source per 6 NYCRR Subpart 201-3; however, calculated CO and NOx emissions during the reporting period are included in the facility monthly emissions totals.

As shown in the attached capping certification form and emission calculations, the CO emission total is 188,566 pounds for 2011, which is less than the emission cap of 500,000 pounds per year. The NOx emission total is 47,017 pounds for 2011, which is less than the emission cap of 200,000 pounds per year.

The facility will be required to submit an updated emission cap report by July 30, 2012.

If you have any questions or require any additional information, please feel free to contact this office at (315) 457-5200.

Very truly yours,

BARTON & LOGUIDICE, P.C.

Kyle C. Williams, I.E.
Senior Engineer

KCW/akg
Attachment

cc: NYSDEC, Regional Permit Administrator
NYSDEC, Bureau of Quality Assurance
Director, Division of Enforcement and Compliance Assistance, USEPA Region 2
Chief of Stationary Source Section, USEPA Region 2
Robert Perry, SREC
Peter Vanderhoof, Casella
Josh Griswold, Casella
Pam Hekning, Casella

Attachment 1

CO and NO_x Emission Cap Certification & Calculations

CERTIFICATION OF TRUTH, ACCURACY AND COMPLETENESS

REPORT TYPE: **TITLE V AIR PERMIT**
SEMI-ANNUAL CO and NOx EMISSION CAP REPORT

REPORTING PERIOD: 7/1/2011 – 12/31/2011

DECID: 8-4624-00159/00001

FACILITY NAME: SREC Bath LFGTE Facility

FACILITY ADDRESS: Turnpike Road – S Side – W of CO RTE 15
Bath, New York 14810

FACILITY CONTACT:

Name: Robert Perry
Title: General Manager
Telephone: (607) 776-4161

RESPONSIBLE OFFICIAL:

Name: Robert Perry
Title: General Manager
Telephone: (607) 776-4161
Address: Steuben Rural Electric Cooperative Inc
 PO Box 272; 9 Wilson Ave
 Bath, New York 14810-0272

The Responsible Official must sign this statement after the applicable report form is completed.

I certify, under penalty of law, that based on information and belief formed after reasonable inquiry, the statements and information contained in these documents are true, accurate and complete.



Signature of Responsible Official



Date

**NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Air Resources**

**ANNUAL CAPPING CERTIFICATION
FOR FACILITIES ISSUED FEDERALLY ENFORCEABLE EMISSION CAPS
SUBJECT TO 6 NYCRR PART 201-7**

FACILITY NAME: SREC Bath LFGTE Facility **REPORTING PERIOD:** 1/1/2011 to 12/31/11
FACILITY DECID#: 8-4624-00159 **REGULATION CAPPED:** 40 CFR 52-A.21
CONTAMINANT: Carbon Monoxide **CAS#:** 000630-08-0
CAPPING PARAMETER/LIMIT: Carbon Monoxide / 500,000 lb/year
PERMIT LEVEL: Facility
METHOD USED TO DETERMINE EMISSIONS: Electrical load output and emission factors

MONTH/YEAR	MONTHLY TOTAL (lb)	12 MONTH ROLLING TOTAL (lb)
January/2011	9,873	30,275
February/2011	15,146	45,421
March/2011	18,806	64,227
April/2011	15,354	79,580
May/2011	16,166	95,747
June/2011	16,091	111,838
July/2011	15,760	127,598
August/2011	15,674	143,272
September/2011	15,688	158,960
October/2011	16,954	175,914
November/2011	16,262	183,535
December/2011	16,791	188,566

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Air Resources

ANNUAL CAPPING CERTIFICATION
FOR FACILITIES ISSUED FEDERALLY ENFORCEABLE EMISSION CAPS
SUBJECT TO 6 NYCRR PART 201-7

FACILITY NAME: SREC Bath LFGTE Facility REPORTING PERIOD: _____ to _____
 FACILITY DECID#: 8-4624-00159 REGULATION CAPPED: 6 NYCRR 227-2, 6 NYCRR 231-2
 CONTAMINANT: Oxides of Nitrogen CAS#: 0NY210-00-0
 CAPPING PARAMETER/LIMIT: Oxides of Nitrogen / 200,000 lb/year
 PERMIT LEVEL: Facility
 METHOD USED TO DETERMINE EMISSIONS: Electrical load output and emission factors

MONTH/YEAR	MONTHLY TOTAL (lb)	12 MONTH ROLLING TOTAL (lb)
January/2011	1,976	6,057
February/2011	3,310	9,366
March/2011	4,146	13,512
April/2011	3,328	16,840
May/2011	3,693	20,533
June/2011	3,518	24,051
July/2011	3,408	27,459
August/2011	4,022	31,481
September/2011	4,691	36,173
October/2011	5,085	41,257
November/2011	4,863	44,392
December/2011	4,977	47,017

**SREC BATH LFGTE FACILITY
ROLLING CO NOx EMISSION CALCULATIONS**

Pollutant: NOx
Year: 2011

Pollutant: CO
Year: 2011

Month	Cummins	ENG01	ENG02	ENG03	Monthly Total
	NOx (lb)				
January	1,974	0	0	0	1,975
February	2,157	0	1,147	0	3,304
March	2,552	0	1,591	0	4,143
April	2,279	0	1,041	0	3,320
May	2,009	0	1,680	0	3,689
June	2,624	380	610	0	3,514
July	2,644	259	501	0	3,405
August	1,362	1,494	1,162	0	4,018
September	26	2,333	2,329	0	4,688
October	0	2,652	2,429	0	5,080
November	20	2,300	2,463	0	4,659
December	116	2,400	2,456	0	4,974
Engine Total	17770	11867	17312	0	-

ANNUAL ENGINE TOTAL = 46970

Month	Cummins	ENG01	ENG02	ENG03	Monthly Total
	CO (lb)				
January	9,871	0	1	0	9,872
February	10,788	0	4,359	0	15,144
March	12,760	0	6,045	0	18,805
April	11,397	0	3,956	0	15,352
May	10,044	0	6,121	0	16,165
June	13,118	1,269	1,703	0	16,091
July	13,222	865	1,673	0	15,750
August	6,809	4,987	3,877	0	15,673
September	129	7,787	7,772	0	15,687
October	0	8,848	8,105	0	16,953
November	138	7,904	8,220	0	16,262
December	578	8,009	8,203	0	16,791
Engine Total	88850	39869	60036	0	-

ANNUAL ENGINE TOTAL = 108556

Celebrating 50 years of service

January 30, 2012

Thomas Marriott
Regional Air Pollution Control Engineer
NYSDEC Region 8
6274 East Avon-Lima Road
Avon, New York 14414-9519

Re: SREC Bath LFGTE Facility
July 1, 2011 – December 31, 2011 Semi-Annual Monitoring & Excess Emissions Report
Air Title V Facility Permit # 8-4624-00159/00001
File: 574.115.004

Dear Mr. Marriott:

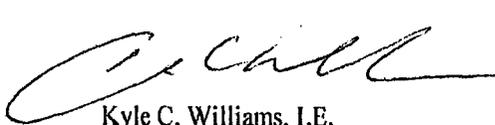
On behalf of Casella Waste Systems, Inc. (Casella), Barton & Loguidice, P.C., is submitting the enclosed 2011 Annual Compliance Certification Report, and the July 1, 2011 – December 31, 2011 Semi-Annual Monitoring Report & Excess Emissions Report for the SREC Bath LFGTE Facility located in, Bath, New York, (Title V Air Permit # 8-4624-00159/00001). Casella operates the SREC Bath LFGTE Facility which is owned by Steuben Rural Electric Cooperative Inc. (SREC).

The report has been prepared on the standard NYSDEC forms. The Excess Emission Reports for regulated contaminants have been included as Figures 1 and 2 of the Semi-Annual Monitoring Report. Startup of the SREC LFGTE Facility began in November 2010. There were no excess emissions during the reporting period. The Semi-Annual Emission Cap Report has been submitted under a separate cover in accordance with the permit.

If you have any questions or require any additional information, please feel free to contact this office at (315) 457-5200.

Very truly yours,

BARTON & LOGUIDICE, P.C.


Kyle C. Williams, I.E.
Senior Engineer

KCW/akg
Attachment

cc: NYSDEC, Regional Permit Administrator
NYSDEC, Bureau of Quality Assurance
Director, Division of Enforcement and Compliance Assistance, USEPA Region 2
Chief of Stationary Source Section, USEPA Region 2
Robert Perry, SREC
Peter Vanderhoof, Casella
Josh Griswold, Casella
Pam Helming, Casella



SREC Bath LFGTE Facility

Bath, New York

**Air Pollution Control Title V Permit
Semi-Annual Monitoring Report
(7/1/11 – 12/31/11)**

Permit ID: 8-4624-00159/00001

January 30, 2012

CERTIFICATION OF TRUTH, ACCURACY AND COMPLETENESS

REPORT TYPE: TITLE V AIR PERMIT
SEMI-ANNUAL MONITORING REPORT

REPORTING PERIOD: 7/1/2011 - 12/31/2011

DECID: 8-4624-00159/00001

FACILITY NAME: SREC Bath LFGTE Facility

FACILITY ADDRESS: Turnpike Road – S Side – W of CORTE 15
Bath, New York 14810

FACILITY CONTACT:

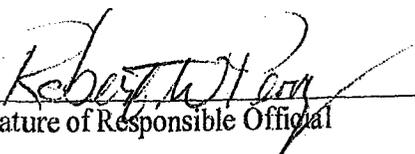
Name: Robert Perry
Title: General Manager
Telephone: (607) 776-4161

RESPONSIBLE OFFICIAL:

Name: Robert Perry
Title: General Manager
Telephone: (607) 776-4161
Address: Steuben Rural Electric Cooperative Inc
PO Box 272; 9 Wilson Ave
Bath, New York 14810-0272

The Responsible Official must sign this statement after the applicable report form is completed.

I certify, under penalty of law, that based on information and belief formed after reasonable inquiry, the statements and information contained in these documents are true, accurate and complete.



Signature of Responsible Official



Date

SEMI-ANNUAL MONITORING REPORT

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
3	6NYCRR 201-6.5(c)	Facility	<p>Recordkeeping and reporting of compliance monitoring</p> <p>The following information must be included in any required compliance monitoring records and reports:</p> <ul style="list-style-type: none"> (i) The date, place, and time of sampling or measurements; (ii) The date(s) analyses were performed; (iii) The company or entity that performed the analyses; (iv) The analytical techniques or methods used including quality assurance and quality control procedures if required; (v) The results of such analyses including quality assurance data where required; and (vi) The operating conditions as existing at the time of sampling or measurement. <p>Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.3 of this Part 201.</p>	Monitoring records are maintained onsite. Certified reports containing the required information and any deviations are submitted and certified as required by the permit. An emission test was conducted on May 17, 2011 on one Caterpillar G3520C engine in accordance with Conditions 30 and 32 of this permit. The Emission Test Report was submitted to the Department on 6/27/2011 and approved by the Department on 11/16/2011. The Department did not request any additional emissions testing or measured emissions report during the reporting period.	N	N
4	6NYCRR 201-6.5(c)(2)	Facility	<p>Monitoring, Related Recordkeeping, and Reporting Requirements.</p> <p>Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.</p>	All compliance monitoring and record keeping activities are conducted in accordance with the permit. Records are maintained by the facility for a period of at least 5 years.	N	N

Home | About Us | Safety & Rules | Our Location | Contact Us
Hours | Events | Pricing | Parties & Groups | Rentals | Kids Corner | Fun Photos & Videos

Laser Tag

*Laser tag is now HAUNTED!! There is no additional charge but there are lots of scares :)
Flying ghosts, talking skeletons, and many more ghoulish treasures.
This will be for a limited time until October 31st*

Two stories of laser tag challenges...open to everyone 48" and taller.

<i>Days</i>	<i>Hours</i>
Monday	Noon to 8:30pm
Tuesday	Noon to 8:30pm
Wednesday	Noon to 8:30pm
Thursday	Noon to 8:30pm
Friday	9:00am - 10:00pm
Saturday	10:00am - 10:00pm
Sunday	Noon - 8:00pm

Price and Play Options

- \$4.95 per game per person
- \$15.95 for three hours of unlimited laser tag and 6 tokens
- \$19.95 for unlimited Bouncing*, Monkey Jump*, three hours of Laser Tag and 12 tokens

Groups call about extended hours for private use.

Under age 18: YOU MUST HAVE AN ADULT SIGN THE ASSUMPTION OF RISK FORM AND BRING IT WITH YOU.

**Bounce and Monkey Jump Hours may be different than Laser Tag Hours. Please refer to our hours for details.*

You don't have to purchase a bounce pass to play laser tag; they are separate activities.

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
5	6NYCRR 201-6.5(c)(3)(ii)	Facility	<p>Compliance Certification</p> <p>Semi-Annual Monitoring Report</p> <p>Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES</p> <p>Monitoring Description: To meet the requirements of this facility permit with respect to reporting, the permittee must:</p> <p>Submit reports of any required monitoring at a minimum frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 30 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.</p> <p>Notify the Department and report permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations shall be submitted to the permitting authority based on the following schedule:</p> <p>(1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.</p> <p>(2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.</p> <p>(3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.</p> <p>(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.</p> <p>If above paragraphs (1) or (2) are met, the source must</p>	This report submission satisfies the condition for submitting Semi-Annual Monitoring Reports. This report serves as the report for the monitoring period of 7/1/11 – 12/31/11.	N	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
			<p>notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.</p> <p>The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.</p> <p>Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above. In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.</p> <p>In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.</p> <p>All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.</p>			

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
			<p>Reporting Requirements: SEMI-ANNUALLY (CALENDAR)</p> <p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 7/30/2009.</p> <p>Subsequent reports are due every 6 calendar month(s).</p>			
6	6NYCRR 201-6.5(e)	Facility	<p>Compliance Certification</p> <p>Annual Compliance Certification Report</p> <p>Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES</p> <p>Monitoring Description: Requirements for compliance certifications with terms and conditions contained in this facility permit include the following:</p> <p>i. Compliance certifications shall contain:</p> <ul style="list-style-type: none"> - the identification of each term or condition of the permit that is the basis of the certification; - the compliance status; - whether compliance was continuous or intermittent; - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit; - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and - such additional requirements as may be specified elsewhere in this permit related to compliance certification. <p>ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.</p> <p>iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.</p>	<p>Annual Compliance Certification Reports are submitted as required by this Condition. The 2011 Annual Compliance Certification Report was submitted January 30, 2012.</p>	N	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
			<p>iv. All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator.</p> <p>Monitoring Frequency: ANNUALLY</p> <p>Reporting Requirements: ANNUALLY (CALENDAR)</p> <p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 1/30/2010.</p> <p>Subsequent reports are due on the same day each year</p>			
7	6NYCRR 202-2.1	Facility	<p>Compliance Certification</p> <p>Annual Emission Statement</p> <p>The Compliance Certification activity will be performed for the Facility.</p> <p>Compliance Certification shall include the following monitoring:</p> <p>Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES</p> <p>Monitoring Description: Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air Resources, Bureau of Air Quality Planning, 625 Broadway, Albany NY 12233-3251</p> <p>Monitoring Frequency: ANNUALLY</p> <p>Reporting Requirements: ANNUALLY (CALENDAR)</p> <p>Reports due by April 15th for previous calendar year</p>	The 2010 Emission Statement was submitted on April 15, 2011 in accordance with this Condition. The 2011 Emission Statement will be submitted on or before April 15, 2012 as required.	N	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
8	6NYCRR 202-2.5	Facility	<p>Recordkeeping requirements</p> <p>(a) The following records shall be maintained for at least five years:</p> <p>(1) a copy of each emission statement submitted to the department; and</p> <p>(2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.</p> <p>(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.</p>	The facility maintains operational records onsite for use in emission calculations. The 2010 Emission Statement was submitted on April 15, 2011. Records are maintained onsite as required.	N	N
10	6NYCRR 200.7	Facility	<p>Maintenance of Equipment</p> <p>Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.</p>	Emission sources are regularly maintained and repaired by the facility to ensure proper operation. Repair and maintenance logs are maintained by the facility.	N	N
11	6NYCRR 201-1.7	Facility	<p>Recycling and Salvage</p> <p>Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.</p>	There are no air contaminants collected in an air cleaning device at the facility.	N	N
12	6NYCRR 201-1.8	Facility	<p>Prohibition of Reintroduction of Collected Contaminants to the air</p> <p>No person shall unnecessarily remove, handle or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.</p>	There are no air contaminants collected in an air cleaning device at the facility.	N	N
13	6NYCRR 201-3.2(a)	Facility	<p>Exempt Sources - Proof of Eligibility</p> <p>The owner and/or operator of an emission source or unit that is eligible to be exempt may be required to certify that it operates within the specific criteria described in this Subpart. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.</p>	Records of exempt sources are maintained onsite for the required 5-year period.	N	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
14	6NYCRR 201-3.3(a)	Facility	<p>Trivial Sources - Proof of Eligibility</p> <p>The owner and/or operator of an emission source or unit that is listed as being trivial in this Part may be required to certify that it operates within the specific criteria described in this Subpart. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.</p>	Records of trivial sources are maintained onsite for the required 5-year period.	N	N
17	6NYCRR 201-6.5(d)(5)	Facility	<p>Standard Requirements - Progress Reports</p> <p>Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:</p> <p>(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and</p> <p>(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.</p>	Monitoring records are maintained onsite. Certified reports containing the required information and any deviations are submitted and certified as required by the permit. A progress report is attached to the Semi-Annual Monitoring Report.	N	N
18	6NYCRR 201-6.5(f)(6)	Facility	<p>Off Permit Changes</p> <p>No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.</p> <p>(i) For each such change, the written notification required above shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.</p>	No Off Permit changes were made during the reporting period.	N	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
			(ii) The permit shield described in section 6 NYCRR 201-6.6 shall not apply to any change made pursuant to this paragraph.			
19	6NYCRR 202-1.1	Facility	<p>Required Emissions Tests</p> <p>For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.</p>	An emission test was conducted on May 17, 2011 on one Caterpillar G3520C engine in accordance with Conditions 30 and 32 of this permit. The Department did not request any additional emissions testing or measured emissions report during the reporting period.	N	Y June 27, 2011
20	6NYCRR 211.3	Facility	<p>Visible Emissions Limited</p> <p>Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.</p>	No events exceeding opacity limits were observed during the reporting period. Engine opacity logs are maintained onsite as required. Opacity is visually monitored in accordance with Condition 47 of this Permit.	N	N
21	40CFR 68	Facility	<p>Accidental release provisions.</p> <p>If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:</p> <p>a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;</p> <p>b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:</p> <p>1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,</p> <p>2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan.</p>	This condition does not apply to landfill gas as it is utilized as a fuel source for the engines and is combusted as it is generated, and is not stored onsite. EPA has reviewed this issue and supports its non-applicability to landfill gas collection and control. The facility does not store chemicals listed in 40 CFR 68.130 in quantities greater than the threshold quantities.	N	N
22	40CFR 82, Subpart F	Facility	<p>Recycling and Emissions Reduction</p> <p>The permittee shall comply with all applicable provisions of 40 CFR Part 82.</p>	The facility complies with all applicable parts of this regulation as required.	N	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
23	6NYCRR 201-6	Facility	<p>Emission Unit Definition</p> <p>The facility is authorized to perform regulated processes under this permit for:</p> <p>Emission Unit: 1-LFGTE</p> <p>Emission Unit Description: The emission unit includes the exhaust from three (3) Caterpillar G3520C Engines/Generators.</p>	<p>The Department approved the installation and operation of one (1) Cummins C2000N6C engine generator set from the research and development permitting exemption of 6 NYCRR Part 201-3.2(c)(44). This engine began startup in November 2010. Two (2) identical Caterpillar G3520C Engines/Generators were commissioned in 2011 (1/28/11 and 6/1/11).</p>	N	N
24	6NYCRR 201-6.5(f)	Facility	<p>Compliance Certification</p> <p>The Compliance Certification activity will be performed for the Facility.</p> <p>Compliance Certification shall include the following monitoring:</p> <p>Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES</p> <p>Monitoring Description: Operational Flexibility Plan</p> <p>Plan Objective</p> <p>The objective of this Plan is to maximize operational flexibility by building into the Title V Permit the capability to make minor changes following a pre-established protocol as allowed for in 6NYCRR Part 201-6.5(f).</p> <p>This plan does not address those types of changes that would invoke the Part 201-6.7(d) "Significant Permit Modification". Rather, it addresses changes that qualify as minor modifications pursuant to the criteria specified by Part 201-6.7(c).</p> <p>Protocol for Changes</p> <p>(1) Certain changes which meet the criteria under (i) - (iii) below may be conducted without prior approval of the Department and shall not require modification of the permit. The facility owner and/or operator must however maintain records of the date and description of such changes and make such records available for review by Department representatives upon request.</p> <p>(i) changes that do not cause emissions to exceed any emission limitation contained in regulations or applicable requirements under this Chapter;</p> <p>(ii) changes which do not cause the subject emission unit, emission source, process, or emission point to become subject to any additional regulations or requirements under this Chapter;</p>	<p>There were no changes made as part of the Operational Flexibility Plan during this reporting period.</p>	N	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
			<p>(iii) changes that do not seek to establish or modify a federally-enforceable emission cap or limit.</p> <p>(2) In addition to the record keeping required under (1) above, the permittee must notify the Department in writing at least 30 calendar days in advance of making changes involving:</p> <p>(i) the installation or relocation of any emission source, process, or emission point within a facility;</p> <p>(ii) the emission of any air pollutant not previously authorized or emitted in accordance with a permit issued by the Department;</p> <p>(iii) the installation or alteration of any air cleaning installation, device or control equipment.</p> <p>(3) The Department may require a permit modification, in order to impose new applicable requirements or special permit conditions if it determines that changes proposed pursuant to notification under (2) above do not meet the criteria under (1) or the change may have a significant air quality impact. In such cases the Department may require that the permittee not undertake the proposed change until it completes a more detailed review of the potential air quality impacts and/or applicable requirements. The Department shall respond to the permittee in writing with such a determination within 15 days of receipt of the 30 day advance notification from the permittee. The Department's determination shall include a listing of information necessary to further review the proposed change.</p> <p>Reporting</p> <p>On an annual basis, the facility must submit a summary of all changes made under the Protocol for Changes during that year. This summary is to be submitted as part of the annual compliance certification pursuant to 6NYCRR Part 201-6.5(e).</p> <p>Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION</p> <p>Reporting Requirements: ANNUALLY (CALENDAR)</p> <p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 1/30/2010.</p> <p>Subsequent reports are due every 12 calendar month(s).</p>			
25	6NYCRR 201-6.5(g)	Facility	Non Applicable requirements	The requirements contained in Condition 25 of the permit continue to be non-applicable requirements.	N	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
			<p>This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.</p> <p>6NYCRR 227-2 Reason: Emissions of NOx will remain below 100 tons per year, and the facility will also not be a major source of HAPs. Therefore, the NOx RACT will not apply to the facility. However, the engines do comply with the April 1, 2005 RACT limit of 2.0 g/Bhp-hr of NOx, based on information provided by the manufacturer.</p> <p>6NYCRR 231-2.2 Reason: Emissions of VOC and NOx will remain below the applicable threshold of 50 and 100 tons per year, respectively. Therefore, based on this application, New Source Review does not apply.</p> <p>40CFR 52-A.21 Reason: Emissions of carbon monoxide will remain below the applicable threshold of 250 tons per year, therefore, based on this application, PSD will not apply to this project.</p> <p>40CFR 60-WWW.752(b)(2) Reason: Landfill gas will be treated via compression, cooling and filtration system by the landfill facility prior to use by the internal combustion engines. Additionally, the landfill itself is not required to comply with this rule because they are not required to have gas collection and control. Therefore, the energy plant is not required to comply with this requirement.</p>			
26	6NYCRR 201-7	Facility	<p>Facility Permissible Emissions</p> <p>The sum of emissions from the emission units specified in this permit shall not equal or exceed the following</p> <p>Potential To Emit (PTE) rate for each regulated contaminant:</p> <p>CAS No: 000630-08-0 PTE: 500,000 pounds per year Name: CARBON MONOXIDE</p> <p>CAS No: 0NY210-00-0 PTE: 200,000 pounds per year Name: OXIDES OF NITROGEN</p>	The facility monitors carbon monoxide (CO) and oxides of nitrogen (NOx) emissions in accordance with this permit. The facility is in compliance with the permit limits of Condition 26.	N	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
27	6NYCRR 201-7	Facility	<p>Capping Monitoring Condition - NOx</p> <p>Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:</p> <p>6NYCRR 227-2 6NYCRR 231-2</p> <p>Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.</p> <p>The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.</p> <p>On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.</p> <p>The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.</p> <p>The Compliance Certification activity will be performed for the facility:</p> <p>The Compliance Certification applies to:</p> <p>Emission Unit: 1-LFGTE Process: GAS Regulated Contaminant(s): CAS No: 0NY210-00-0 OXIDES OF NITROGEN</p> <p>Compliance Certification shall include the following monitoring:</p>	<p>The facility began startup in November 2010. Monthly NOx emissions from the engines operational during the reporting period (Cummins 2000 kW engine and two (2) CAT G3520C engines) were calculated using daily individual bHp production data based on the amount of electricity that is generated by each engine and the NOx engine emission factors.</p> <p>The facility also performed weekly (at a minimum) instantaneous NOx monitoring of the Cummins 2000 kW engine in accordance with the Department's 2/4/10 approval letter for operation of the Cummins engine under the R&D exemption regulation 6 NYCRR 201-3.2(c)(44). The Cummins engine was put on standby in August 2011.</p> <p>Quarterly emissions monitoring of the CAT G3520C engines was initiated in third quarter 2011. The quarterly readings from each CAT G3520C engine in operation are compared to the approved performance test results.</p> <p>An emission cap report for the 7/1/11 - 12/31/11 semi-annual reporting period was submitted on 1/30/12 in accordance with this condition. NOx emissions remain less than 100 tons/yr.</p> <p>The facility emergency generator (exempt source) was also operated during the reporting period. Emissions from this source are included in the rolled monthly emission calculations provided in the emission cap report.</p>	N	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
			<p>Cepping: Yes</p> <p>Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS</p> <p>Monitoring Description: The sum of emissions of oxides of nitrogen (NOx) from this facility are limited to less than 100 tons/year calculated on a rolling 12 month total. This limit ensures that the facility will remain under the threshold to be applicable to 6NYCRR Part 227-2 NOx RACT and Part 231 New Source Review. The facility shall calculate monthly NOx emissions from the engines using daily individual bHp production data based on the amount of electricity that is generated by each engine and the results from the approved stack test report for emission factors (results of quarterly instantaneous NOx monitoring will be used to confirm proper operation of the engines and the accuracy of the emission factors). All other sources of NOx emissions shall be calculated and included in the facility's rolling 12 month total. The facility shall keep these records in a format acceptable to the Department.</p> <p>Work Practice Type: PARAMETER OF PROCESS MATERIAL</p> <p>Process Material: ELECTRICAL LOAD OUTPUT</p> <p>Parameter Monitored: ELECTRICAL LOAD OUTPUT</p> <p>Upper Permit Limit: 100 tons per year</p> <p>Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION</p> <p>Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY</p> <p>Reporting Requirements: SEMI-ANNUALLY (CALENDAR)</p> <p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 7/30/2009.</p> <p>Subsequent reports are due every 6 calendar month(s).</p>			

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
28	6NYCRR 201-7	Facility	<p>Capping Monitoring Condition - CO</p> <p>Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:</p> <p>40CFR 52-A.21</p> <p>Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.</p> <p>The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.</p> <p>On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.</p> <p>The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.</p> <p>The Compliance Certification activity will be performed for the facility:</p> <p>The Compliance Certification applies to:</p> <p>Emission Unit: 1-LFGTE</p> <p>Process: GAS</p> <p>Regulated Contaminant(s):</p> <p>CAS No: 000630-08-0 CARBON MONOXIDE</p> <p>Compliance Certification shall include the following</p>	<p>The facility began startup in November 2010. Monthly CO emissions from the engines operational during the reporting period (Cummins 2000 kW engine and two (2) CAT G3520C engines) were calculated using daily individual bHp production data based on the amount of electricity that is generated by each engine and the CO engine emission factors.</p> <p>The facility also performed weekly (at a minimum) instantaneous CO monitoring of the Cummins 2000 kW engine in accordance with the Department's 2/4/10 approval letter for operation of the Cummins engine under the R&D exemption regulation 6 NYCRR 201-3.2(c)(44). The Cummins engine was put on standby in August 2011.</p> <p>Quarterly emissions monitoring of the CAT G3520C engines was initiated in third quarter 2011. The quarterly readings from each CAT G3520C engine in operation are compared to the approved performance test results.</p> <p>An emission cap report for the 7/1/11 – 12/31/11 semi-annual reporting period was submitted on 1/30/12 in accordance with this condition. CO emissions remain less than 250 tons/yr.</p> <p>The facility emergency generator (exempt source) was also operated during the reporting period. Emissions from this source are included in the rolled monthly emission calculations provided in the emission cap report.</p>	N	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
			<p>monitoring:</p> <p>Capping: Yes</p> <p>Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS</p> <p>Monitoring Description: The sum of emissions of carbon monoxide from this facility are limited to 250 tons/year calculated on a rolling 12 month total. This limit ensures that the facility will remain under the threshold to be considered PSD major. The facility shall calculate monthly carbon monoxide emissions from the engines using daily individual bHp production data based on the amount of electricity that is generated by each engine and the results from the approved stack test report for emission factors (results of quarterly instantaneous carbon monoxide monitoring will be used to confirm proper operation of the engines and the accuracy of the emission factors). All other sources of carbon monoxide emissions shall be calculated and included in the facility's rolling 12 month total. The facility shall keep these records in a format acceptable to the Department.</p> <p>Work Practice Type: PARAMETER OF PROCESS MATERIAL</p> <p>Process Material: ELECTRICAL LOAD OUTPUT</p> <p>Parameter Monitored: ELECTRICAL LOAD OUTPUT</p> <p>Upper Permit Limit: 250 tons per year</p> <p>Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION</p> <p>Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY</p> <p>Reporting Requirements: SEMI-ANNUALLY (CALENDAR)</p> <p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 7/30/2009.</p> <p>Subsequent reports are due every 6 calendar month(s).</p>			

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
29	6NYCRR 201-7	Facility	<p>Capping Monitoring Condition</p> <p>Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:</p> <p>40CFR 52-A.21</p> <p>Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.</p> <p>The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.</p> <p>On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.</p> <p>The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.</p> <p>The Compliance Certification activity will be performed for the facility:</p> <p>The Compliance Certification applies to:</p> <p>Emission Unit: 1-LFGTE</p> <p>Process: GAS</p> <p>Regulated Contaminant(s):</p> <p>CAS No: 000630-08-0 CARBON MONOXIDE</p> <p>Compliance Certification shall include the following</p>	<p>The Cummins 2000 kW engine and two (2) CAT G3520C engines were operational during the reporting period. The Cummins engine was operated in accordance with the Department's 2/4/10 approval letter for the operation of the engine under the R&D exemption regulation 6 NYCRR 201-3.2(c)(44), and follow-up 3/22/11 letter approving the operation of the engine for a total of 6,000 hours. Per the 2/4/10 approval letter, the facility performed weekly (at a minimum) instantaneous CO monitoring on the engine exhaust stack. The engine did not operate weekly during the 4th quarter, as the engine was put on standby in August 2011. The 3rd quarter 2011 Monitoring logs were submitted to the Department as a separate report on 10/26/11. The facility is not required to perform emission source testing on the Cummins engine during the R&D field testing period of the engine.</p> <p>Quarterly emissions monitoring of the CAT G3520C engines was initiated in the fourth quarter 2011 following approval of the emission test results. The quarterly readings from each CAT G3520C engine in operation are compared to the approved performance test results. The quarterly logs are provided as an attachment to the Semi-Annual Monitoring Report.</p> <p>An emission cap report for the 7/1/11 – 12/31/11 semi-annual reporting period was submitted on 1/30/12 in accordance with this condition. CO emissions remain less than 250 tons/yr.</p>	N	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
			<p>monitoring:</p> <p>Capping: Yes</p> <p>Monitoring Type: INTERMITTENT EMISSION TESTING</p> <p>Monitoring Description: In order to show compliance with the permit limit of 250 tons per year of carbon monoxide, the facility is required to conduct quarterly instantaneous testing over a 15-minute period (in order to ensure a stabilized reading) per calendar year using a portable CO analyzer on all the engines. The sampling will be done in accordance with the analyzer manufacturer's recommendations for testing and calibration (using non-EPA methods). Results from this testing will be used to verify stack test results and confirm proper operation of the engines.</p> <p>The facility shall use the average flow exhaust rate determined in the most recent approved performance test in order to convert the concentration measured to a mass rate for the purpose of demonstrating compliance with the specified limit.</p> <p>If two consecutive instantaneous quarterly samples show a discrepancy of 10 percent or more from the original stack test results or if one quarterly sample is off by 20% or more from the original stack test results, then the facility must notify the Department and a new stack test may be required to show compliance.</p> <p>Upper Permit Limit: 250 tons per year</p> <p>Reference Test Method: See Monitoring Description</p> <p>Monitoring Frequency: QUARTERLY</p> <p>Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION</p> <p>Reporting Requirements: SEMI-ANNUALLY (CALENDAR)</p> <p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 7/30/2009.</p> <p>Subsequent reports are due every 6 calendar month(s).</p>			

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
30	6NYCRR 201-7	Facility	<p>Capping Monitoring Condition - NOx</p> <p>Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:</p> <p>6NYCRR 227-2 6NYCRR 231-2</p> <p>Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.</p> <p>The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.</p> <p>On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.</p> <p>The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.</p> <p>The Compliance Certification activity will be performed for the facility:</p> <p>The Compliance Certification applies to:</p> <p>Emission Unit: 1-LFGTE</p> <p>Process: GAS</p> <p>Regulated Contaminant(s):</p> <p>CAS No: 0NY210-00-0 OXIDES OF NITROGEN</p>	<p>An emission test was conducted on May 17, 2011 on one Caterpillar G3520C engine in accordance with this condition. The Emission Test Report was submitted to the Department on June 27, 2011. The Emission Test Report was approved by the Department on November 16, 2011.</p> <p>The facility is not required to perform emission source testing on the Cummins engine during the R&D field testing period of the engine.</p>	N	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
			<p>Compliance Certification shall include the following monitoring:</p> <p>Capping: Yes</p> <p>Monitoring Type: INTERMITTENT EMISSION TESTING</p> <p>Monitoring Description: Facility emissions of oxides of nitrogen (NOx) must remain below the major source threshold of 100 tons during any 12 month period.</p> <p>Compliance with this emission limit shall be demonstrated by an initial performance test as outlined below:</p> <ol style="list-style-type: none"> 1. The facility must submit a compliance test protocol to the department for approval at least 60 days prior to emission testing. The conditions of the testing and the locations of the sampling devices must be acceptable to the Department. 2. The facility must utilize the procedure set forth in 40 CFR Part 60, Subpart A, Method 7, 7E, or 19, or any other method acceptable to the Department for determining compliance with the NOx limit contained in this condition, and must, in addition, follow the procedures set forth in Part 202 of this Title. 3. The facility must submit a compliance test report containing the results of the emission test to the Department no later than 60 days after completion of the emission test. <p>Since all three stationary internal combustion devices at this facility are identical, only one of the 3 internal combustion engines will require performance testing to demonstrate compliance with this NOx emission limit. The initial performance test must be completed within 180 days of commencement of operation of these emission sources. The facility must conduct the required emissions test at 100% +/- 10% load on the engine with the most operating hours at the time of the performance test.</p> <p>Prior to renewal of the Title V permit, the facility must complete a second performance test utilizing the procedures for engine selection as described above. This performance test must be completed no later than 180 days prior to expiration of the Title V permit.</p> <p>Upper Permit Limit: 100 tons per year</p> <p>Reference Test Method: EPA RM 7, 7E or 19</p> <p>Monitoring Frequency: AS REQUIRED - SEE PERMIT</p>			

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
			<p>MONITORING DESCRIPTION</p> <p>Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED</p> <p>Reporting Requirements: ANNUALLY (CALENDAR)</p> <p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 1/30/2010.</p> <p>Subsequent reports are due every 12 calendar month(s).</p>			
31	6NYCRR 201-7	Facility	<p>Capping Monitoring Condition - NOx</p> <p>Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:</p> <p>6NYCRR 227-2 6NYCRR 231-2</p> <p>Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.</p> <p>The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.</p> <p>On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.</p> <p>The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.</p> <p>The Compliance Certification activity will be performed</p>	<p>The Cummins 2000 kW engine and two (2) CAT G3520C engines were operational during the reporting period. The Cummins engine was operated in accordance with the Department's 2/4/10 approval letter for the operation of the engine under the R&D exemption regulation 6 NYCRR 201-3.2(c)(44), and follow-up 3/22/11 letter approving the operation of the engine for a total of 6,000 hours. Per the 2/4/10 approval letter, the facility performed weekly (at a minimum) instantaneous NOx monitoring on the engine exhaust stack. The engine did not operate weekly during the 4th quarter, as the engine was put on standby in August 2011. The 3rd quarter 2011 Monitoring logs were submitted to the Department as a separate report on 10/26/11. The facility is not required to perform emission source testing on the Cummins engine during the R&D field testing period of the engine.</p> <p>Quarterly emissions monitoring of the CAT G3520C engines was initiated in the fourth quarter 2011 following approval of the emission test results. The quarterly readings from each CAT G3520C engine in operation are compared to the approved performance test results. The quarterly logs are provided as an attachment to the Semi-Annual Monitoring Report.</p> <p>An emission cap report for the 7/1/11 – 12/31/11 semi-annual reporting period was submitted on 1/30/12 in accordance with this condition. NOx emissions remain less than 100 tons/yr.</p>	N	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
			<p>for the facility:</p> <p>The Compliance Certification applies to:</p> <p>Emission Unit: 1-LFGTE</p> <p>Process: GAS</p> <p>Regulated Contaminant(s):</p> <p style="padding-left: 20px;">CAS No: 0NY210-00-0 OXIDES OF NITROGEN</p> <p>Compliance Certification shall include the following monitoring:</p> <p>Capping: Yes</p> <p>Monitoring Type: INTERMITTENT EMISSION TESTING</p> <p>Monitoring Description: In order to show compliance with the permit limit of 100 tons per year of oxides of nitrogen (NO_x), the facility is required to conduct quarterly instantaneous testing over a 15-minute period (in order to ensure a stabilized reading) per calendar year using a portable NO_x analyzer on all the engines. The sampling will be done in accordance with the analyzer manufacturer's recommendations for testing and calibration (using non-EPA methods). Results from this testing will be used to verify stack test results and confirm proper operation of the engines.</p> <p>The facility shall use the average flow exhaust rate determined in the most recent approved performance test in order to convert the concentration measured to a mass rate for the purpose of demonstrating compliance with the specified limit.</p> <p>If two consecutive instantaneous quarterly samples show a discrepancy of 10 percent or more from the original stack test results or if one quarterly sample is off by 20% or more from the original stack test results, then the facility must notify the Department and a new stack test may be required to show compliance.</p> <p>Upper Permit Limit: 100 tons per year</p> <p>Reference Test Method: See Monitoring Description</p> <p>Monitoring Frequency: QUARTERLY</p> <p>Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION</p> <p>Reporting Requirements: SEMI-ANNUALLY</p>			

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
			<p>(CALENDAR)</p> <p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 7/30/2009.</p> <p>Subsequent reports are due every 6 calendar month(s).</p>			
32	6NYCRR 201-7	Facility	<p>Capping Monitoring Condition - CO</p> <p>Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:</p> <p>40CFR 52-A.21</p> <p>Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.</p> <p>The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.</p> <p>On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.</p> <p>The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.</p> <p>The Compliance Certification activity will be performed for the facility:</p> <p>The Compliance Certification applies to:</p> <p>Emission Unit: 1-LFGTE</p>	<p>An emission test was conducted on May 17, 2011 on one Caterpillar G3520C engine in accordance with this condition. The Emission Test Report was submitted to the Department on June 27, 2011. The Emission Test Report was approved by the Department on November 16, 2011.</p> <p>The facility is not required to perform emission source testing on the Cummins engine during the R&D field testing period of the engine.</p>	N	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
			<p>Process: GAS</p> <p>Regulated Contaminant(s):</p> <p style="padding-left: 40px;">CAS No: 000630-08-0 CARBON MONOXIDE</p> <p>Compliance Certification shall include the following monitoring:</p> <p>Capping: Yes</p> <p>Monitoring Type: INTERMITTENT EMISSION TESTING</p> <p>Monitoring Description: Facility emissions of carbon monoxide (CO) must remain below the major source threshold of 250 tons during any 12 month period.</p> <p>Compliance with this emission limit shall be demonstrated by an initial performance test as outlined below:</p> <ol style="list-style-type: none"> 1. The facility must submit a compliance test protocol to the department for approval at least 60 days prior to emission testing. The conditions of the testing and the locations of the sampling devices must be acceptable to the Department. 2. The facility must utilize the procedure set forth in 40 CFR Part 60, Subpart A, Method 10, or any other method acceptable to the Department for determining compliance with the CO limit contained in this condition, and must, in addition, follow the procedures set forth in Part 202 of this Title. 3. The facility must submit a compliance test report containing the results of the emission test to the Department no later than 60 days after completion of the emission test. <p>Since all three stationary internal combustion devices at this facility are identical, only one of the 3 internal combustion engines will require performance testing to demonstrate compliance with this CO emission limit. The initial performance test must be completed within 180 days of commencement of operation of these emission sources. The facility must conduct the required emissions test at 100% +/- 10% load on the engine with the most operating hours at the time of the performance test.</p> <p>Prior to renewal of the Title V permit, the facility must complete a second performance test utilizing the procedures for engine selection as described above. This performance test must be completed no later than 180 days</p>			

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
			<p>prior to expiration of the Title V permit.</p> <p>Parameter Monitored: CARBON MONOXIDE</p> <p>Upper Permit Limit: 250 tons per year</p> <p>Reference Test Method: EPA Method 10</p> <p>Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION</p> <p>Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED</p> <p>Reporting Requirements: ANNUALLY (CALENDAR)</p> <p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 1/30/2010.</p> <p>Subsequent reports are due every 12 calendar month(s).</p>			
33	6NYCRR 201-7	Facility	<p>Capping Monitoring Condition - NOx</p> <p>Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:</p> <p>6NYCRR 227-2 6NYCRR 231-2</p> <p>Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.</p> <p>The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.</p> <p>On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to</p>	<p>An emission test was conducted on May 17, 2011 on one Caterpillar G3520C engine in accordance with this condition. The Emission Test Report was submitted to the Department on June 27, 2011. The Emission Test Report was approved by the Department on November 16, 2011. An engine operating plan was submitted to the Department in December 2011 following approval of the Emission Test Report.</p> <p>An emission cap report for the 7/1/11 – 12/31/11 semi-annual reporting period was submitted on 1/30/12 in accordance with this condition. NOx emissions remain less than 100 tons/yr.</p>	N	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
			<p>the threshold levels that would require compliance with an applicable requirement.</p> <p>The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.</p> <p>The Compliance Certification activity will be performed for the facility:</p> <p>The Compliance Certification applies to:</p> <p>Emission Unit: 1-LFGTE</p> <p>Process: GAS</p> <p>Regulated Contaminant(s):</p> <p style="padding-left: 40px;">CAS No: 0NY210-00-0</p> <p style="padding-left: 40px;">OXIDES OF NITROGEN</p> <p>Item 33.7:</p> <p>Compliance Certification shall include the following monitoring:</p> <p>Capping: Yes</p> <p>Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES</p> <p>Monitoring Description: In order to remain below the 100 tpy PTE threshold of a major source, the owner will cap emissions of oxides of nitrogen (NOx). This limit will ensure that the facility will not be applicable to 6NYCRR Part 227 NOx RACT provisions or Part 231 New Source Review provisions.</p> <p>The facility is required to submit an operating plan as described in 6NYCRR Part 227-2.3(c) to the Department for approval. The facility must operate the engines in accordance with this approved operating plan. This will ensure that the engines are operating under the same conditions as the most recent approved performance test. The document shall be updated when any changes occur.</p> <p>Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION</p> <p>Reporting Requirements: ANNUALLY (CALENDAR)</p> <p>The initial report is due 1/30/2010.</p> <p>Subsequent reports are due every 12 calendar month(s).</p>			

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
35	40CFR 60.7(b), NSPS Subpart A	Facility	<p>Recordkeeping requirements.</p> <p>Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.</p>	The facility maintains engine operational logs. Applicable records are maintained onsite and appropriate actions are undertaken to prevent contravention of air quality standards.	N	N
36	40CFR 60.7(c), NSPS Subpart A	Facility	<p>Compliance Certification</p> <p>Excess Emissions</p> <p>The Compliance Certification activity will be performed for the Facility.</p> <p>Compliance Certification shall include the following monitoring:</p> <p>Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES</p> <p>Monitoring Description: Affected owners or operators shall submit an excess emissions report and/or a summary report form (as defined in 40 CFR 60.7(d)) semi-annually (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be post marked no later than 30 days after each six (6) month period (or as appropriate), and shall contain the following information:</p> <ol style="list-style-type: none"> 1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period; 2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction; 3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments; and 4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report. <p>Monitoring Frequency: CONTINUOUS</p> <p>Reporting Requirements: SEMI-ANNUALLY</p>	Summary Report Forms for Excess Emissions of permit regulated pollutants (CO and NOx) are provided in the attached Figures 1 and 2. No excess emissions occurred at the facility during the reporting period. The next excess emissions compliance certification will be submitted by July 30, 2012 for the reporting period of 1/1/12 – 6/30/12.	N	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
			<p>(CALENDAR)</p> <p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 7/30/2009.</p> <p>Subsequent reports are due every 6 calendar month(s).</p>			
37	40CFR 60.7(d), NSPS Subpart A	Facility	<p>Excess emissions report.</p> <p>A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).</p>	<p>Summary Report Forms for Excess Emissions of permit regulated pollutants (CO and NOx) are provided in the attached Figures 1 and 2. No excess emissions occurred at the facility during the reporting period. The next excess emissions compliance certification will be submitted by July 30, 2012 for the reporting period of 1/1/12 – 6/30/12.</p>	N	N
38	40CFR 60.7(f), NSPS Subpart A	Facility	<p>Facility files for subject sources.</p> <p>The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspections. The file shall be maintained for at least two years following the date of such measurements, reports, and records.</p>	<p>Applicable data is recorded and maintained onsite for the required 2-year period.</p>	N	N
46	6NYCRR 201-7	Emission Unit 1-LFGTE Process GAS	<p>Process Permissible Emissions</p> <p>The sum of emissions from the regulated process cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:</p> <p>Emission Unit: 1-LFGTE Process: GAS</p> <p>CAS No: 000630-08-0 Name: CARBON MONOXIDE PTE(s): 57.08 pounds per hour 500,000 pounds per year</p> <p>CAS No: 0NY210-00-0 Name: OXIDES OF NITROGEN PTE(s): 22.82 pounds per hour 200,000 pounds per year</p>	<p>The facility monitors electricity generation for determination of CO and NOx emission rates from the GAS Process (engine operation). Rolling 12 month emissions are calculated monthly, and an emission cap report is submitted semi-annually in accordance with this permit. The facility is in compliance with the CO and NOx emission limits.</p>	N	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
47	6NYCRR 227-1.3(a)	Emission Unit 1-LFGTE Process GAS	<p>Compliance Certification</p> <p>The Compliance Certification activity will be performed for:</p> <p>Emission Unit: 1-LFGTE Process: GAS</p> <p>Compliance Certification shall include the following monitoring:</p> <p>Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE</p> <p>Monitoring Description: No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one six-minute period per hour of not more than 27 percent opacity. The facility will perform a visual observation on a daily basis. If any opacity is noted, corrective action will be taken immediately or a Method 9 will be performed within two business days.</p> <p>Parameter Monitored: OPACITY</p> <p>Upper Permit Limit: 20 percent</p> <p>Reference Test Method: EPA Method 9</p> <p>Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION</p> <p>Averaging Method: 6 MINUTE AVERAGE</p> <p>Reporting Requirements: SEMI-ANNUALLY (CALENDAR)</p> <p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 7/30/2009.</p> <p>Subsequent reports are due every 6 calendar month(s).</p>	The Cummins 2000 kW engine and two (2) CAT G3520C engines were operational during the reporting period. No events exceeding opacity limits were observed during the reporting period from the emission sources. A daily opacity log is maintained onsite. The Department did not require an EPA Method 9 Opacity evaluation during this reporting period.	N	N
48	ECL 19-0301	Facility	<p>Contaminant List</p> <p>Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).</p> <p>CAS No: 000630-08-0 Name: CARBON MONOXIDE CAS No: 0NY210-00-0 Name: OXIDES OF NITROGEN</p>	The facility complies with the requirements for each contaminant in 48 as required by the permit conditions.	N	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
49	6NYCRR 201-1.4	Facility	<p>Unavoidable noncompliance and violations</p> <p>At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.</p> <p>(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.</p> <p>(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.</p> <p>(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b)</p>	<p>The facility maintains engine operational logs. There were no reportable excess emissions during the reporting period. Applicable records are maintained onsite and appropriate actions are undertaken to prevent contravention of air quality standards.</p>	N	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Description of Monitoring Data and Analysis Required by Permit	Deviations? Y/N	Separate Report? Date
			<p>above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.</p> <p>(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.</p> <p>(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.</p>			
50	6NYCRR 211.2	Facility	<p>Air pollution prohibited</p> <p>No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.</p>	The facility monitors operations to ensure that air pollution emissions are within the emission limitation conditions of the permit.	N	N

SUMMARY OF DEVIATIONS FROM PERMIT REQUIREMENTS

Condition Number	Applicable Requirement	Permit Level	Description of Deviation	Probable Cause of Deviation	Corrective/Preventative Action Taken as a Result of the Deviation	Date of Written Notification

SUMMARY REPORT FORMS FOR EXCESS EMISSIONS

Figure 1 – NO_x

Figure 2 – CO

FIGURE 1 - SUMMARY REPORT--GASEOUS AND OPACITY EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

[Note: This form is referenced in 40 CFR 60.7, Subpart A-General Provisions]

Pollutant (Circle One): SO₂ **NO_x** TRS H₂S CO Opacity NMOC

Reporting period dates: From 7/1/2011 to 12/31/2011

Company: Steuben Rural Electric Cooperative Inc. (SREC)

Emission Limitation: 100 Tons/yr

Address: LFGTE Facility - Turnpike Rd - S Side - W of CO. RTE 15

Monitor Manufacturer: None

Model No.: None

Date of Latest CMS Certification or Audit: N/A

Process Unit(s) Description: 1-LFGTE: Landfill Gas Internal Combustion Engines

Total source operating time in reporting period ¹: 4390.5 Hours

Emission data summary ¹		CMS performance summary ¹	
1. Duration of excess emissions in reporting period due to:		1. CMS downtime in reporting period due to:	
a. Startup/shutdown	0 hrs	a. Monitor equipment malfunctions.....	N/A
b. Control equipment problems.....	0 hrs	b. Non-Monitor equipment malfunctions	N/A
c. Process problems.....	0 hrs	c. Quality assurance calibration.....	N/A
d. Other known causes.....	0 hrs	d. Other known causes	N/A
e. Unknown causes.....	0 hrs	e. Unknown causes.....	N/A
2. Total duration of excess emissions	0 hrs	2. Total CMS Downtime.....	N/A
3. Total duration of excess emissions x (100) / [Total source operating time]	0 %	3. [Total CMS Downtime] x (100) / [Total source operating time]	N/A

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 40 CFR 60.7(c) shall be submitted.

Note: On a separate page, describe any changes since last quarter in CMS, process or controls.

I certify that the information contained in this report is true, accurate, and complete.

Robert Perry

Name

Robert Perry

Signature

General Manager

1/26/12

Date

Title

FIGURE 2 - SUMMARY REPORT--GASEOUS AND OPACITY EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

[Note: This form is referenced in 40 CFR 60.7, Subpart A-General Provisions]

Pollutant (Circle One): SO₂ NO_x TRS H₂S **CO** Opacity VOC

Reporting period dates: From 7/1/2011 to 12/31/2011

Company: Steuben Rural Electric Cooperative Inc. (SREC)

Emission Limitation: 250 Tons/yr

Address: LFGTE Facility - Turnpike Rd - S Side - W of CO. RTE 15

Monitor Manufacturer: None

Model No.: None

Date of Latest CMS Certification or Audit: N/A

Process Unit(s) Description: 1-LFGTE: Landfill Gas Internal Combustion Engines

Total source operating time in reporting period ¹: 4390.5 Hours

Emission data summary ¹		CMS performance summary ¹	
1. Duration of excess emissions in reporting period due to:		1. CMS downtime in reporting period due to:	
a. Startup/shutdown	0 hrs	a. Monitor equipment malfunctions	N/A
b. Control equipment problems.....	0 hrs	b. Non-Monitor equipment malfunctions.....	N/A
c. Process problems.....	0 hrs	c. Quality assurance calibration.....	N/A
d. Other known causes.....	0 hrs	d. Other known causes.....	N/A
e. Unknown causes.....	0 hrs	e. Unknown causes	N/A
2. Total duration of excess emissions	0 hrs	2. Total CMS Downtime.....	N/A
3. Total duration of excess emissions x (100) / [Total source operating time]	0 %	3. [Total CMS Downtime] x (100) / [Total source operating time]	N/A

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

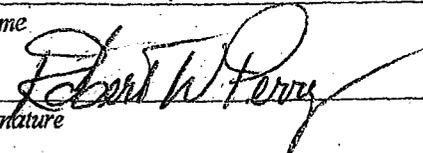
² For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in 40 CFR 60.7(c) shall be submitted.

Note: On a separate page, describe any changes since last quarter in CMS, process or controls.

I certify that the information contained in this report is true, accurate, and complete.

Robert Perry

Name



Signature

1/26/12
Date

General Manager

Title

ATTACHMENT 1

Compliance Progress Report

**Steuben Rural Electric Cooperative Inc.
SREC Bath LFGTE Facility
Compliance Progress Report**

REQUIREMENT	COMPLIANCE SCHEDULE	COMPLETION DATE
Submit Semi-Annual Monitoring Report: 6 NYCRR Part 201-6.5(c)(3)(ii)	January 30th and July 30th, Annually	This report serves as the current required semi-annual report for the period of July 1, 2011 - December 31, 2011. The next Semi-Annual Monitoring Report is required to be submitted on or before July 30, 2012.
Submit Annual Compliance Certification Report: 6 NYCRR Part 201-6.5(e)	January 30th, Annually	The 2011 Annual Compliance Certification Report was submitted on January 30, 2012. The 2012 Annual Compliance Certification Report is required to be submitted on or before January 30, 2013. The LFGTE facility began startup in November 2010.
Submit Annual Emission Statement: 6 NYCRR Part 202-2.1	April 15th, Annually	The 2010 Annual Emission Statement was submitted on April 15, 2011. The 2011 Annual Emission Statement is required to be submitted on or before April 15, 2012.
Submit Semi-Annual Emission Cap Certification Report: 6 NYCRR Part 201-7	January 30th and July 30th, Annually	The most recent Semi-Annual Emission Cap Certification Report was submitted 1/30/2012. The next report is required to be submitted on or before July 30, 2012.
Perform Intermittent Emission Testing for NOx and CO: 6 NYCRR Part 201-7	Test one of three of the engines within 180 days of commencement of operation of the emission sources and at least once prior to renewal of the Title V Permit.	Performance testing on one (1) CAT G3520C engine was conducted on May 17, 2011 (engine was commissioned 1/28/11). No additional performance testing was required during the reporting period.
Submit Excess Emissions Report: 40 CFR 60.7(c), NSPS Subpart A	January 30th and July 30th, Annually	Excess Emissions Summary forms for the permit required monitored pollutants (CO and NOx) are provided as an Attachment to the Semi-Annual Monitoring Report for the period of July 1, 2011 - December 31, 2011. The next Excess Emissions Report is required to be submitted on or before July 30, 2012.

ATTACHMENT 2

CO & NOx Analyzer Logs -- 4th Quarter 2011

40 CFR Subpart IIII Calculation Method:

$$ER(CO) = Cd \times 1.164 \times 10^{-3} \times Q \times T / Hp-hr$$

where:

Cd = Measured CO concentration in ppmv

1.164×10^{-3} = Conversion constant for ppm CO to grams per standard cubic meter at 20 deg C

Q = Stack gas vol. flow rate in dry scm/h

T = Time of test run, in hours

$$ER(NOx) = Cd \times 1.912 \times 10^{-3} \times Q \times T / Hp-hr$$

where:

Cd = Measured Nox concentration in ppmv

1.912×10^{-3} = Conversion constant for ppm NOx to grams per standard cubic meter at 20 deg C

Q = Stack gas vol. flow rate in dry scm/h

T = Time of test run, in hours

**SREC BATH LFGTE FACILITY
Quarterly Stack Exhaust Monitoring**

Engine: <u>ENG01 - CAT3529C</u>	Comments/Adjustments:
Analyzer: <u>Testo 340</u>	

Approved Stack Test Data (Update Every Permit Term)			
Test Date: <u> </u>	Average Exhaust Stack Flow Rate = <u> </u> dscfm	CO Emission Rate = <u> </u> g/bhp-hr	
	Average Unit Load = <u> </u> bhp	NOx Emission Rate = <u> </u> g/bhp-hr	

Date	Time	Power ekW	Hours hr	Amb Temp °F	Reading	CO ppmv	NOx ppmv	CO2 %	O2 %	CO Corrected to 15% O2 ppmv	NOx Corrected to 15% O2 ppmv	CO Emission Rate g/bhp-hr	NOx Emission Rate g/bhp-hr	
					1	735	145	11.70	7.27%	318	63	2.92	0.94	
					2	733	143	11.70	7.32%	318	62	2.91	0.93	
					3	745	144	11.70	7.38%	325	63	2.96	0.94	
					Avg	738	144	12	7.32%	321	62	2.93	0.94	
												*Emission Rate % Difference from Stack Test Data =	1%	5%

**Per Conditions 29 & 31 of Title V Permit, if 2 consecutive quarterly samples show discrepancy of 10% or more from stack test results or if 1 quarterly sample is off by 20% or more from the stack test results, the facility must notify the Department and a new stack test may be required to show compliance*

SREC BATH LFGTE FACILITY
Quarterly Stack Exhaust Monitoring

Engine: <u>ENG02 - CAT3520C</u>	Comments/Adjustments:
Analyzer: <u>Testo 340</u>	

Approved Stack Test Data (Update Every Permit Term)	
Test Date: <u> </u>	
Average Exhaust Stack Flow Rate = <u> </u> dscfm	CO Emission Rate = <u> </u> g/bhp-hr
Average Unit Load = <u> </u> bhp	NOx Emission Rate = <u> </u> g/bhp-hr

Date	Time	Power eKW	Hours hr	Amb Temp °F	Reading	CO ppmv	NOx ppmv	CO2 %	O2 %	CO Corrected to 15% O2 ppmv	NOx Corrected to 15% O2 ppmv	CO Emission Rate g/bhp-hr	NOx Emission Rate g/bhp-hr
<u> </u>					1	734	144	11.70	7.49%	323	63	2.92	0.94
					2	732	143	11.70	7.50%	322	63	2.91	0.93
					3	731	143	11.70	7.53%	323	63	2.91	0.93
					Avg	732	143	12	7.51%	323	63	2.91	0.93
*Emission Rate % Difference from Stack Test Data =												2%	5%

**Per Conditions 29 & 31 of Title V Permit, if 2 consecutive quarterly samples show discrepancy of 10% or more from stack test results or if 1 quarterly sample is off by 20% or more from the stack test results, the facility must notify the Department and a new stack test may be required to show compliance*



• 1-800-724-1070 •

www.bartonandloguidice.com

SREC Bath LFGTE Facility

Bath, New York

**Air Pollution Control Title V Permit
Annual Compliance Certification Report
(1/1/11 – 12/31/11)**

Permit ID: 8-4624-00159/00001

January 30, 2012

CERTIFICATION OF TRUTH, ACCURACY AND COMPLETENESS

REPORT TYPE: TITLE V AIR PERMIT
ANNUAL COMPLIANCE CERTIFICATION REPORT

REPORTING PERIOD: 1/1/2011 - 12/31/2011

DECID: 8-4624-00159/00001

FACILITY NAME: SREC Bath LFGTE Facility

FACILITY ADDRESS: Turnpike Road – S Side – W of CORTE 15
Bath, New York 14810

FACILITY CONTACT:

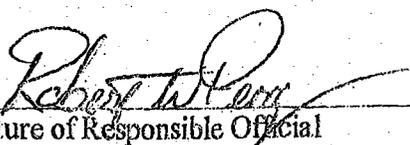
Name: Robert Perry
Title: General Manager
Telephone: (607) 776-4161

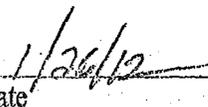
RESPONSIBLE OFFICIAL:

Name: Robert Perry
Title: General Manager
Telephone: (607) 776-4161
Address: Steuben Rural Electric Cooperative Inc
PO Box 272; 9 Wilson Ave
Bath, New York 14810-0272

The Responsible Official must sign this statement after the applicable report form is completed.

I certify, under penalty of law, that based on information and belief formed after reasonable inquiry, the statements and information contained in these documents are true, accurate and complete.


Signature of Responsible Official


Date

ANNUAL COMPLIANCE CERTIFICATION REPORT

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
1	6NYCRR 200.6	Facility	<p>Acceptable Ambient Air Quality</p> <p>Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.</p>	Continuous	There was no contravention of applicable ambient air standards during the reporting period.	N
2	6NYCRR 201-6.5	Facility	<p>Fees</p> <p>The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0302.</p>	Continuous	Applicable fees are paid in accordance with this Condition.	N
3	6NYCRR 201-6.5	Facility	<p>Recordkeeping and reporting of compliance monitoring</p> <p>The following information must be included in any required compliance monitoring records and reports:</p> <ul style="list-style-type: none"> (i) The date, place, and time of sampling or measurements; (ii) The date(s) analyses were performed; (iii) The company or entity that performed the analyses; (iv) The analytical techniques or methods used including quality assurance and quality control procedures if required; (v) The results of such analyses including quality assurance data where required; and (vi) The operating conditions as existing at the time of sampling or measurement. <p>Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.3 of this Part 201.</p>	Continuous	Monitoring records are maintained onsite. Certified reports containing the required information and any deviations are submitted and certified as required by the permit. An emission test was conducted on May 17, 2011 on one Caterpillar G3520C engine in accordance with Conditions 30 and 32 of this permit. The Emission Test Report was submitted to the Department on 6/27/2011 and approved by the Department on 11/16/2011. The Department did not request any additional emissions testing or measured emissions report during the reporting period.	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
4	6NYCRR 201-6.5(c)(2)	Facility	<p>Monitoring, Related Recordkeeping, and Reporting Requirements.</p> <p>Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.</p>	Continuous	All compliance monitoring and record keeping activities are conducted in accordance with the permit. Records are maintained by the facility for a period of at least 5 years.	N
5	6NYCRR 201-6.5(c)(3)(ii)	Facility	<p>Compliance Certification</p> <p>The Compliance Certification activity will be performed for the Facility.</p> <p>Compliance Certification shall include the following monitoring:</p> <p>Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES</p> <p>Monitoring Description: To meet the requirements of this facility permit with respect to reporting, the permittee must:</p> <p>Submit reports of any required monitoring at a minimum frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 30 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.</p> <p>Notify the Department and report permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations shall be submitted to the permitting authority based on</p> <p>the following schedule:</p> <p>(1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.</p>	Continuous	The most recent Semi-Annual Monitoring Report for the period of 7/1/11 – 12/31/11 was submitted to the Department on January 30, 2012. Previous reports are maintained at the facility as required. The Department did not request or require emission testing during the reporting period.	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
			<p>(2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.</p> <p>(3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.</p> <p>(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.</p> <p>If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.</p> <p>The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.</p> <p>Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above. In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.</p> <p>In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the</p>			

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
			<p>permittee shall include in the semiannual report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.</p> <p>All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.</p> <p>Reporting Requirements: SEMI-ANNUALLY (CALENDAR) Reports due 30 days after the reporting period. The initial report is due 7/30/2009. Subsequent reports are due every 6 calendar month(s).</p>			
6	6NYCRR 201-6.5(e)	Facility	<p>Compliance Certification</p> <p>The Compliance Certification activity will be performed for the Facility.</p> <p>Compliance Certification shall include the following monitoring:</p> <p>Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES</p> <p>Monitoring Description: Requirements for compliance certifications with terms and conditions contained in this facility permit include the following:</p> <p>i. Compliance certifications shall contain:</p> <ul style="list-style-type: none"> - the identification of each term or condition of the permit that is the basis of the certification; - the compliance status; - whether compliance was continuous or intermittent; - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit; - such other facts as the Department may require to determine 	Continuous	This report serves as the 2011 Annual Compliance Certification Report. There were no deviations from the permit conditions during the reporting period. The 2012 Annual Compliance Certification Report will be submitted on or before January 30, 2013. Previous reports are maintained at the facility as required.	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
			<p>the compliance status of the facility as specified in any special permit terms or conditions; and</p> <p>- such additional requirements as may be specified elsewhere in this permit related to compliance certification.</p> <p>ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.</p> <p>iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.</p> <p>iv. All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:</p> <p style="padding-left: 40px;">USEPA Region 2 Air Compliance Branch 290 Broadway New York, NY 10007-1866</p> <p>The address for the RAPCE is as follows:</p> <p style="padding-left: 40px;">6274 East Avon-Lima Road Avon, NY 14414-9519</p> <p>The address for the BQA is as follows:</p> <p style="padding-left: 40px;">NYSDEC Bureau of Quality Assurance 625 Broadway Albany, NY 12233-3258</p> <p>Monitoring Frequency: ANNUALLY</p> <p>Reporting Requirements: ANNUALLY (CALENDAR)</p>			

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
			<p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 1/30/2010.</p> <p>Subsequent reports are due on the same day each year</p>			
7	6NYCRR 202-2.1	Facility	<p>Compliance Certification</p> <p>The Compliance Certification activity will be performed for the Facility.</p> <p>Compliance Certification shall include the following monitoring:</p> <p>Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES</p> <p>Monitoring Description: Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air Resources, Bureau of Air Quality Planning, 625 Broadway, Albany NY 12233-3251</p> <p>Monitoring Frequency: ANNUALLY</p> <p>Reporting Requirements: ANNUALLY (CALENDAR)</p> <p>Reports due by April 15th for previous calendar year</p>	Continuous	Startup of the facility began in November 2010. The 2011 Emission Statement will be submitted by April 15, 2012 in accordance with this Condition, and will report emissions from the facility since startup.	N
8	6NYCRR 202-2.5	Facility	<p>Recordkeeping requirements</p> <p>(a) The following records shall be maintained for at least five years:</p> <p>(1) a copy of each emission statement submitted to the department; and</p> <p>(2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.</p> <p>(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.</p>	Continuous	The facility began startup in November 2010. The facility maintains operational records onsite for use in emission calculations. The 2011 Emission Statement will be submitted by April 15, 2012. Records are maintained onsite as required.	N
9	6NYCRR 215	Facility	<p>Open Fires Prohibited at Industrial and Commercial Sites</p> <p>No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, refuse, rubbish for salvage, or rubbish generated by industrial or commercial activities.</p>	Continuous	No open fires of garbage or rubbish were observed at the facility.	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
10	6NYCRR 200.7	Facility	<p>Maintenance of Equipment</p> <p>Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.</p>	Continuous	Emission sources are regularly maintained and repaired by the facility to ensure proper operation. Repair and maintenance logs are maintained by the facility.	N
11	6NYCRR 201-1.7	Facility	<p>Recycling and Salvage</p> <p>Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.</p>	Continuous	There are no air contaminants collected in an air cleaning device at the facility.	N
12	6NYCRR 201-1.8	Facility	<p>Prohibition of Reintroduction of Collected Contaminants to the air</p> <p>No person shall unnecessarily remove, handle or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.</p>	Continuous	There are no air contaminants collected in an air cleaning device at the facility.	N
13	6NYCRR 201-3.2(a)	Facility	<p>Exempt Sources - Proof of Eligibility</p> <p>The owner and/or operator of an emission source or unit that is eligible to be exempt may be required to certify that it operates within the specific criteria described in this Subpart. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other State and Federal air pollution control requirements, regulations, or law.</p>	Continuous	Records of exempt sources are maintained onsite for the required 5-year period.	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
14	6NYCRR 201-3.3(a)	Facility	<p>Trivial Sources - Proof of Eligibility</p> <p>The owner and/or operator of an emission source or unit that is listed as being trivial in this Part may be required to certify that it operates within the specific criteria described in this Subpart. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other State and Federal air pollution control requirements, regulations, or law.</p>	Continuous	Records of trivial sources are maintained onsite for the required 5-year period.	N
15	6NYCRR 201-6.5(a)(4)	Facility	<p>Standard Requirement - Provide Information</p> <p>The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.</p>	Continuous	Monitoring records are maintained on site. Certified reports containing the required information and any deviations are submitted and certified as required by the permit.	N
16	6NYCRR 201-6.5(a)(3)	Facility	<p>General Condition - Right to Inspect</p> <p>The department or an authorized representative shall be allowed upon presentation of credentials and other documents as may be required by law to:</p> <p>(i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;</p> <p>(ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;</p> <p>(iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and</p> <p>(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.</p>	Continuous	The facility provides access to the facility when requested by the Department.	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
17	6NYCRR 201-6.5(d)(5)	Facility	<p>Standard Requirements - Progress Reports</p> <p>Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:</p> <p>(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and</p> <p>(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.</p>	Continuous	Monitoring records are maintained onsite. Certified reports containing the required information and any deviations are submitted and certified as required by the permit. A progress report is attached to the Semi-Annual Monitoring Report.	N
18	6NYCRR 201-6.5(f)(6)	Facility	<p>Off Permit Changes</p> <p>No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.</p> <p>(i) For each such change, the written notification required above shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.</p> <p>(ii) The permit shield described in section 6 NYCRR 201-6.6 shall not apply to any change made pursuant to this paragraph.</p>	Continuous	No Off Permit changes were made during the reporting period.	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
19	6NYCRR 202-1.1	Facility	<p>Required Emissions Tests</p> <p>For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.</p>	Continuous	An emission test was conducted on May 17, 2011 on one Caterpillar G3520C engine in accordance with Conditions 30 and 32 of this permit. The Department did not request any additional emissions testing or measured emissions report during the reporting period.	N
20	6NYCRR 211.3	Facility	<p>Visible Emissions Limited</p> <p>Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.</p>	Continuous	No events exceeding opacity limits were observed during the reporting period. Engine opacity logs are maintained onsite as required. Opacity is visually monitored in accordance with Condition 46 of this Permit.	N
21	40CFR 68	Facility	<p>Accidental release provisions.</p> <p>If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:</p> <p>a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;</p> <p>b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:</p> <p>1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,</p> <p>2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan.</p> <p>Information should be submitted to:</p> <p>Risk Management Plan Reporting Center C/O CSC 8400 Corporate Dr Carrollton, Md. 20785</p>	Continuous	This condition does not apply to landfill gas as it is utilized as a fuel source for the engines that is combusted as it is generated, and is not stored onsite. EPA has reviewed this issue and supports its non-applicability to landfill gas collection and control. The facility does not store chemicals listed in 40 CFR 68.130 in quantities greater than the threshold quantities.	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
22	40CFR 82, Subpart F	Facility	Recycling and Emissions Reduction The permittee shall comply with all applicable provisions of 40 CFR Part 82.	Continuous	The facility complies with all applicable parts of this regulation as required.	N
23	6NYCRR 201-6	Facility	Emission Unit Definition The facility is authorized to perform regulated processes under this permit for: Emission Unit: 1-LFGTE Emission Unit Description: The emission unit includes the exhaust from three (3) Caterpillar G3520C Engines/Generators.	Continuous	The Department approved the installation and operation of one (1) Cummins C2000N6C engine generator set from the research and development permitting exemption of 6 NYCRR Part 201-3.2(c)(44). This engine began startup in November 2010. Two (2) identical Caterpillar G3520C Engines/Generators were commissioned in 2011 (1/28/11 and 6/1/11).	N
24	6NYCRR 201-6.5(f)	Facility	Compliance Certification The Compliance Certification activity will be performed for the Facility. Compliance Certification shall include the following monitoring: Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description: Operational Flexibility Plan Plan Objective The objective of this Plan is to maximize operational flexibility by building into the Title V Permit the capability to make minor changes following a pre-established protocol as allowed for in 6NYCRR Part 201-6.5(f). This plan does not address those types of changes that would invoke the Part 201-6.7(d) "Significant Permit Modification". Rather, it addresses changes that qualify as minor modifications pursuant to the criteria specified by Part 201-6.7(c). Protocol for Changes (1) Certain changes which meet the criteria under (i) - (iii) below may be conducted without prior approval of the Department and shall not require modification of the permit. The facility owner and/or operator must however maintain records of the date and description of such changes and make such records available for review by Department representatives upon request. (i) changes that do not cause emissions to exceed any emission limitation contained in regulations or applicable requirements under this Chapter; (ii) changes which do not cause the subject emission unit,	Continuous	There were no changes made as part of the Operational Flexibility Plan during this reporting period.	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
			<p>emission source, process, or emission point to become subject to any additional regulations or requirements under this Chapter;</p> <p>(iii) changes that do not seek to establish or modify a federally-enforceable emission cap or limit.</p> <p>(2) In addition to the record keeping required under (1) above, the permittee must notify the Department in writing at least 30 calendar days in advance of making changes involving:</p> <p>(i) the installation or relocation of any emission source, process, or emission point within a facility;</p> <p>(ii) the emission of any air pollutant not previously authorized or emitted in accordance with a permit issued by the Department;</p> <p>(iii) the installation or alteration of any air cleaning installation, device or control equipment.</p> <p>(3) The Department may require a permit modification, in order to impose new applicable requirements or special permit conditions if it determines that changes proposed pursuant to notification under (2) above do not meet the criteria under (1) or the change may have a significant air quality impact. In such cases the Department may require that the permittee not undertake the proposed change until it completes a more detailed review of the potential air quality impacts and/or applicable requirements. The Department shall respond to the permittee in writing with such a determination within 15 days of receipt of the 30 day advance notification from the permittee. The Department's determination shall include a listing of information necessary to further review the proposed change.</p> <p>Reporting</p> <p>On an annual basis, the facility must submit a summary of all changes made under the Protocol for Changes during that year. This summary is to be submitted as part of the annual compliance certification pursuant to 6NYCRR Part 201-6.5(e).</p> <p>Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION</p> <p>Reporting Requirements: ANNUALLY (CALENDAR)</p> <p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 1/30/2010.</p> <p>Subsequent reports are due every 12 calendar month(s).</p>			

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
25	6NYCRR 201-6.5(g)	Facility	<p>Non Applicable requirements</p> <p>This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.</p> <p>6NYCRR 227-2 Reason: Emissions of NOx will remain below 100 tons per year, and the facility will also not be a major source of HAPs. Therefore, the NOx RACT will not apply to the facility. However, the engines do comply with the April 1, 2005 RACT limit of 2.0 g/Bhp-hr of NOx, based on information provided by the manufacturer.</p> <p>6NYCRR 231-2.2 Reason: Emissions of VOC and NOx will remain below the applicable threshold of 50 and 100 tons per year, respectively. Therefore, based on this application, New Source Review does not apply.</p> <p>40CFR 52-A.21 Reason: Emissions of carbon monoxide will remain below the applicable threshold of 250 tons per year, therefore, based on this application, PSD will not apply to this project.</p> <p>40CFR 60-WWW.752(b)(2) Reason: Landfill gas will be treated via compression, cooling and filtration system by the landfill facility prior to use by the internal combustion engines. Additionally, the landfill itself is not required to comply with this rule because they are not required to have gas collection and control. Therefore, the energy plant is not required to comply with this requirement.</p>	Continuous	The requirements contained in Condition 25 of the permit continue to be non-applicable requirements.	N
26	6NYCRR 201-7	Facility	<p>Facility Permissible Emissions</p> <p>The sum of emissions from the emission units specified in this permit shall not equal or exceed the following</p> <p>Potential To Emit (PTE) rate for each regulated contaminant:</p> <p>CAS No: 000630-08-0 PTE: 500,000 pounds per year Name: CARBON MONOXIDE</p> <p>CAS No: 0NY210-00-0 PTE: 200,000 pounds per year Name: OXIDES OF NITROGEN</p>	Continuous	The facility monitors carbon monoxide (CO) and oxides of nitrogen (NOx) emissions in accordance with this permit. The facility is in compliance with the permit limits of Condition 26.	N
27	6NYCRR 201-7	Facility	<p>Capping Monitoring Condition</p> <p>Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the</p>	Continuous	The facility began startup in November 2010. Monthly NOx emissions from the engines operational during the reporting period (Cummins 2000 kW engine and two (2) CAT G3520C engines) were calculated using daily individual bHp production data	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
			<p>facility, emission unit or process would otherwise be subject to:</p> <p>6NYCRR 227-2 6NYCRR 231-2</p> <p>Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.</p> <p>The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.</p> <p>On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.</p> <p>The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.</p> <p>The Compliance Certification activity will be performed for the facility:</p> <p>The Compliance Certification applies to:</p> <p>Emission Unit: 1-LFGTE Process: GAS Regulated Contaminant(s): CAS No: 0NY210-00-0 OXIDES OF NITROGEN</p> <p>Compliance Certification shall include the following monitoring:</p> <p>Capping: Yes</p> <p>Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS</p> <p>Monitoring Description: The sum of emissions of oxides of nitrogen (NOx) from this facility are limited to less than 100 tons/year calculated on a rolling 12 month total. This limit</p>		<p>based on the amount of electricity that is generated by each engine and the NOx engine emission factors.</p> <p>The facility also performed weekly (at a minimum) instantaneous NOx monitoring of the Cummins 2000 kW engine in accordance with the Department's 2/4/10 approval letter for operation of the Cummins engine under the R&D exemption regulation 6 NYCRR 201-3.2(c)(44). The Cummins engine was put on standby in August 2011.</p> <p>Quarterly emissions monitoring of the CAT G3520C engines was initiated in third quarter 2011. The quarterly readings from each CAT G3520C engine in operation are compared to the approved performance test results.</p> <p>An emission cap report for the 7/1/11 – 12/31/11 semi-annual reporting period was submitted on 1/30/12 in accordance with this condition. NOx emissions remain less than 100 tons/yr.</p> <p>The facility emergency generator (exempt source) was also operated during the reporting period. Emissions from this source are included in the rolled monthly emission calculations provided in the emission cap report.</p>	

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
			<p>ensures that the facility will remain under the threshold to be applicable to 6NYCRR Part 227-2 NOx RACT and Part 231 New Source Review. The facility shall calculate monthly NOx emissions from the engines using daily individual bHp production data based on the amount of electricity that is generated by each engine and the results from the approved stack test report for emission factors (results of quarterly instantaneous NOx monitoring will be used to confirm proper operation of the engines and the accuracy of the emission factors). All other sources of NOx emissions shall be calculated and included in the facility's rolling 12 month total. The facility shall keep these records in a format acceptable to the Department.</p> <p>Work Practice Type: PARAMETER OF PROCESS MATERIAL</p> <p>Process Material: ELECTRICAL LOAD OUTPUT</p> <p>Parameter Monitored: ELECTRICAL LOAD OUTPUT</p> <p>Upper Permit Limit: 100 tons per year</p> <p>Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION</p> <p>Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY</p> <p>Reporting Requirements: SEMI-ANNUALLY (CALENDAR)</p> <p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 7/30/2009.</p> <p>Subsequent reports are due every 6 calendar month(s).</p>			
28	6NYCRR 201-7	Facility	<p>Capping Monitoring Condition</p> <p>Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:</p> <p>40CFR 52-A.21</p> <p>Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.</p> <p>The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to</p>	Continuous	<p>The facility began startup in November 2010. Monthly CO emissions from the engines operational during the reporting period (Cummins 2000 kW engine and two (2) CAT G3520C engines) were calculated using daily individual bHp production data based on the amount of electricity that is generated by each engine and the CO engine emission factors.</p> <p>The facility also performed weekly (at a minimum) instantaneous CO monitoring of the Cummins 2000 kW engine in accordance with the Department's 2/4/10 approval letter for operation of the Cummins engine under the R&D exemption regulation 6 NYCRR 201-3.2(c)(44). The Cummins engine was put on standby in August 2011.</p> <p>Quarterly emissions monitoring of the CAT G3520C engines was initiated in third quarter 2011. The</p>	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
			<p>any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.</p> <p>On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.</p> <p>The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.</p> <p>The Compliance Certification activity will be performed for the facility:</p> <p>The Compliance Certification applies to:</p> <p>Emission Unit: 1-LFGTE</p> <p>Process: GAS</p> <p>Regulated Contaminant(s):</p> <p style="padding-left: 40px;">CAS No: 000630-08-0 CARBON MONOXIDE</p> <p>Compliance Certification shall include the following monitoring:</p> <p>Capping: Yes</p> <p>Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS</p> <p>Monitoring Description: The sum of emissions of carbon monoxide from this facility are limited to 250 tons/year calculated on a rolling 12 month total. This limit ensures that the facility will remain under the threshold to be considered PSD major. The facility shall calculate monthly carbon monoxide emissions from the engines using daily individual bHp production data based on the amount of electricity that is generated by each engine and the results from the approved stack test report for emission factors (results of quarterly instantaneous carbon monoxide monitoring will be used to confirm proper operation of the engines and the accuracy of the emission factors). All other sources of carbon monoxide emissions shall be calculated and included in the facility's rolling 12 month total. The facility shall keep these records in</p>		<p>quarterly readings from each CAT G3520C engine in operation are compared to the approved performance test results.</p> <p>An emission cap report for the 7/1/11 – 12/31/11 semi-annual reporting period was submitted on 1/30/12 in accordance with this condition. CO emissions remain less than 250 tons/yr.</p> <p>The facility emergency generator (exempt source) was also operated during the reporting period. Emissions from this source are included in the rolled monthly emission calculations provided in the emission cap report.</p>	

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
			<p>a format acceptable to the Department.</p> <p>Work Practice Type: PARAMETER OF PROCESS MATERIAL</p> <p>Process Material: ELECTRICAL LOAD OUTPUT</p> <p>Parameter Monitored: ELECTRICAL LOAD OUTPUT</p> <p>Upper Permit Limit: 250 tons per year</p> <p>Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION</p> <p>Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY</p> <p>Reporting Requirements: SEMI-ANNUALLY (CALENDAR)</p> <p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 7/30/2009.</p> <p>Subsequent reports are due every 6 calendar month(s).</p>			
29	6NYCRR 201-7	Facility	<p>Capping Monitoring Condition</p> <p>Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:</p> <p>40CFR 52-A.21</p> <p>Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.</p> <p>The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.</p> <p>On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an</p>	Continuous	<p>The Cummins 2000 kW engine and two (2) CAT G3520C engines were operational during the reporting period. The Cummins engine was operated in accordance with the Department's 2/4/10 approval letter for the operation of the engine under the R&D exemption regulation 6 NYCRR 201-3.2(c)(44), and follow-up 3/22/11 letter approving the operation of the engine for a total of 6,000 hours. Per the 2/4/10 approval letter, the facility performed weekly (at a minimum) instantaneous CO monitoring on the engine exhaust stack. The engine did not operate weekly during the 4th quarter, as the engine was put on standby in August 2011. The 3rd quarter 2011 Monitoring logs were submitted to the Department as a separate report on 10/26/11. The facility is not required to perform emission source testing on the Cummins engine during the R&D field testing period of the engine.</p> <p>Quarterly emissions monitoring of the CAT G3520C engines was initiated in the fourth quarter 2011 following approval of the emission test results. The quarterly readings from each CAT G3520C engine in operation are compared to the approved performance test results. The quarterly logs are provided as an attachment to the Semi-Annual Monitoring Report.</p> <p>An emission cap report for the 7/1/11 – 12/31/11 semi-annual reporting period was submitted on 1/30/12 in accordance with this condition. CO</p>	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
			<p>applicable requirement.</p> <p>The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.</p> <p>The Compliance Certification activity will be performed for the facility:</p> <p>The Compliance Certification applies to:</p> <p>Emission Unit: 1-LFGTE</p> <p>Process: GAS</p> <p>Regulated Contaminant(s):</p> <p>CAS No: 000630-08-0 CARBON MONOXIDE</p> <p>Compliance Certification shall include the following monitoring:</p> <p>Capping: Yes</p> <p>Monitoring Type: INTERMITTENT EMISSION TESTING</p> <p>Monitoring Description: In order to show compliance with the permit limit of 250 tons per year of carbon monoxide, the facility is required to conduct quarterly instantaneous testing over a 15-minute period (in order to ensure a stabilized reading) per calendar year using a portable CO analyzer on all the engines. The sampling will be done in accordance with the analyzer manufacturer's recommendations for testing and calibration (using non-EPA methods). Results from this testing will be used to verify stack test results and confirm proper operation of the engines.</p> <p>The facility shall use the average flow exhaust rate determined in the most recent approved performance test in order to convert the concentration measured to a mass rate for the purpose of demonstrating compliance with the specified limit.</p> <p>If two consecutive instantaneous quarterly samples show a discrepancy of 10 percent or more from the original stack test results or if one quarterly sample is off by 20% or more from the original stack test results, then the facility must notify the Department and a new stack test may be required to show compliance.</p> <p>Upper Permit Limit: 250 tons per year</p> <p>Reference Test Method: See Monitoring Description</p>		<p>emissions remain less than 250 tons/yr.</p>	

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
			<p>Monitoring Frequency: QUARTERLY</p> <p>Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION</p> <p>Reporting Requirements: SEMI-ANNUALLY (CALENDAR)</p> <p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 7/30/2009.</p> <p>Subsequent reports are due every 6 calendar month(s).</p>			
30	6NYCRR 201-7	Facility	<p>Capping Monitoring Condition</p> <p>Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:</p> <p>6NYCRR 227-2 6NYCRR 231-2</p> <p>Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.</p> <p>The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.</p> <p>On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.</p> <p>The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.</p> <p>The Compliance Certification activity will be performed for the facility:</p>	Continuous	<p>An emission test was conducted on May 17, 2011 on one Caterpillar G3520C engine in accordance with this condition. The Emission Test Report was submitted to the Department on June 27, 2011. The Emission Test Report was approved by the Department on November 16, 2011.</p> <p>The facility is not required to perform emission source testing on the Cummins engine during the R&D field testing period of the engine.</p>	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
			<p>The Compliance Certification applies to:</p> <p>Emission Unit: 1-LFGTE</p> <p>Process: GAS</p> <p>Regulated Contaminant(s):</p> <p style="padding-left: 40px;">CAS No: 0NY210-00-0 OXIDES OF NITROGEN</p> <p>Compliance Certification shall include the following monitoring:</p> <p>Capping: Yes</p> <p>Monitoring Type: INTERMITTENT EMISSION TESTING</p> <p>Monitoring Description: Facility emissions of oxides of nitrogen (NOx) must remain below the major source threshold of 100 tons during any 12 month period.</p> <p>Compliance with this emission limit shall be demonstrated by an initial performance test as outlined below:</p> <ol style="list-style-type: none"> 1. The facility must submit a compliance test protocol to the department for approval at least 60 days prior to emission testing. The conditions of the testing and the locations of the sampling devices must be acceptable to the Department. 2. The facility must utilize the procedure set forth in 40 CFR Part 60, Subpart A, Method 7, 7E, or 19, or any other method acceptable to the Department for determining compliance with the NOx limit contained in this condition, and must, in addition, follow the procedures set forth in Part 202 of this Title. 3. The facility must submit a compliance test report containing the results of the emission test to the Department no later than 60 days after completion of the emission test. <p>Since all three stationary internal combustion devices at this facility are identical, only one of the 3 internal combustion engines will require performance testing to demonstrate compliance with this NOx emission limit. The initial performance test must be completed within 180 days of commencement of operation of these emission sources. The facility must conduct the required emissions test at 100% +/- 10% load on the engine with the most operating hours at the time of the performance test.</p> <p>Prior to renewal of the Title V permit, the facility must complete a second performance test utilizing the procedures for engine selection as described above. This performance test must be completed no later than 180 days prior to expiration of the Title V permit.</p>			

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
			<p>Upper Permit Limit: 100 tons per year</p> <p>Reference Test Method: EPA RM 7, 7E or 19</p> <p>Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION</p> <p>Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED</p> <p>Reporting Requirements: ANNUALLY (CALENDAR)</p> <p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 1/30/2010.</p> <p>Subsequent reports are due every 12 calendar month(s).</p>			
31	6NYCRR 201-7	Facility	<p>Capping Monitoring Condition</p> <p>Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:</p> <p>6NYCRR 227-2 6NYCRR 231-2</p> <p>Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.</p> <p>The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.</p> <p>On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.</p> <p>The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation</p>	Continuous	<p>The Cummins 2000 kW engine and two (2) CAT G3520C engines were operational during the reporting period. The Cummins engine was operated in accordance with the Department's 2/4/10 approval letter for the operation of the engine under the R&D exemption regulation 6 NYCRR 201-3.2(c)(44), and follow-up 3/22/11 letter approving the operation of the engine for a total of 6,000 hours. Per the 2/4/10 approval letter, the facility performed weekly (at a minimum) instantaneous NOx monitoring on the engine exhaust stack. The engine did not operate weekly during the 4th quarter, as the engine was put on standby in August 2011. The 3rd quarter 2011 Monitoring logs were submitted to the Department as a separate report on 10/26/11. The facility is not required to perform emission source testing on the Cummins engine during the R&D field testing period of the engine.</p> <p>Quarterly emissions monitoring of the CAT G3520C engines was initiated in the fourth quarter 2011 following approval of the emission test results. The quarterly readings from each CAT G3520C engine in operation are compared to the approved performance test results. The quarterly logs are provided as an attachment to the Semi-Annual Monitoring Report.</p> <p>An emission cap report for the 7/1/11 – 12/31/11 semi-annual reporting period was submitted on 1/30/12 in accordance with this condition. NOx emissions remain less than 100 tons/yr.</p>	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
			<p>of Part 201 and of the Act.</p> <p>The Compliance Certification activity will be performed for the facility:</p> <p>The Compliance Certification applies to:</p> <p>Emission Unit: 1-LFGTE</p> <p>Process: GAS</p> <p>Regulated Contaminant(s):</p> <p style="padding-left: 40px;">CAS No: 0NY210-00-0 OXIDES OF NITROGEN</p> <p>Compliance Certification shall include the following monitoring:</p> <p>Capping: Yes</p> <p>Monitoring Type: INTERMITTENT EMISSION TESTING</p> <p>Monitoring Description: In order to show compliance with the permit limit of 100 tons per year of oxides of nitrogen (NOx), the facility is required to conduct quarterly instantaneous testing over a 15-minute period (in order to ensure a stabilized reading) per calendar year using a portable NOx analyzer on all the engines. The sampling will be done in accordance with the analyzer manufacturer's recommendations for testing and calibration (using non-EPA methods). Results from this testing will be used to verify stack test results and confirm proper operation of the engines.</p> <p>The facility shall use the average flow exhaust rate determined in the most recent approved performance test in order to convert the concentration measured to a mass rate for the purpose of demonstrating compliance with the specified limit.</p> <p>If two consecutive instantaneous quarterly samples show a discrepancy of 10 percent or more from the original stack test results or if one quarterly sample is off by 20% or more from the original stack test results, then the facility must notify the Department and a new stack test may be required to show compliance.</p> <p>Upper Permit Limit: 100 tons per year</p> <p>Reference Test Method: See Monitoring Description</p> <p>Monitoring Frequency: QUARTERLY</p> <p>Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION</p> <p>Reporting Requirements: SEMI-ANNUALLY (CALENDAR)</p>			

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
			<p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 7/30/2009.</p> <p>Subsequent reports are due every 6 calendar month(s).</p>			
32	6NYCRR 201-7	Facility	<p>Capping Monitoring Condition</p> <p>Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:</p> <p>40CFR 52-A.21</p> <p>Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.</p> <p>The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.</p> <p>On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.</p> <p>The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.</p> <p>The Compliance Certification activity will be performed for the facility:</p> <p>The Compliance Certification applies to:</p> <p>Emission Unit: 1-LFGTE</p> <p>Process: GAS</p> <p>Regulated Contaminant(s):</p>	Continuous	<p>An emission test was conducted on May 17, 2011 on one Caterpillar G3520C engine in accordance with this condition. The Emission Test Report was submitted to the Department on June 27, 2011. The Emission Test Report was approved by the Department on November 16, 2011.</p> <p>The facility is not required to perform emission source testing on the Cummins engine during the R&D field testing period of the engine.</p>	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
			<p>CAS No: 000630-08-0 CARBON MONOXIDE</p> <p>Compliance Certification shall include the following monitoring:</p> <p>Capping: Yes</p> <p>Monitoring Type: INTERMITTENT EMISSION TESTING</p> <p>Monitoring Description: Facility emissions of carbon monoxide (CO) must remain below the major source threshold of 250 tons during any 12 month period.</p> <p>Compliance with this emission limit shall be demonstrated by an initial performance test as outlined below:</p> <ol style="list-style-type: none"> 1. The facility must submit a compliance test protocol to the department for approval at least 60 days prior to emission testing. The conditions of the testing and the locations of the sampling devices must be acceptable to the Department. 2. The facility must utilize the procedure set forth in 40 CFR Part 60, Subpart A, Method 10, or any other method acceptable to the Department for determining compliance with the CO limit contained in this condition, and must, in addition, follow the procedures set forth in Part 202 of this Title. 3. The facility must submit a compliance test report containing the results of the emission test to the Department no later than 60 days after completion of the emission test. <p>Since all three stationary internal combustion devices at this facility are identical, only one of the 3 internal combustion engines will require performance testing to demonstrate compliance with this CO emission limit. The initial performance test must be completed within 180 days of commencement of operation of these emission sources. The facility must conduct the required emissions test at 100% +/- 10% load on the engine with the most operating hours at the time of the performance test.</p> <p>Prior to renewal of the Title V permit, the facility must complete a second performance test utilizing the procedures for engine selection as described above. This performance test must be completed no later than 180 days prior to expiration of the Title V permit.</p> <p>Parameter Monitored: CARBON MONOXIDE</p> <p>Upper Permit Limit: 250 tons per year</p> <p>Reference Test Method: EPA Method 10</p> <p>Monitoring Frequency: AS REQUIRED - SEE PERMIT</p>			

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
			<p>MONITORING DESCRIPTION</p> <p>Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED</p> <p>Reporting Requirements: ANNUALLY (CALENDAR)</p> <p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 1/30/2010.</p> <p>Subsequent reports are due every 12 calendar month(s).</p>			
33	6NYCRR 201-7	Facility	<p>Capping Monitoring Condition</p> <p>Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:</p> <p>6NYCRR 227-2 6NYCRR 231-2</p> <p>Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.</p> <p>The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.</p> <p>On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.</p> <p>The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.</p> <p>The Compliance Certification activity will be performed for the facility:</p>	Continuous	<p>An emission test was conducted on May 17, 2011 on one Caterpillar G3520C engine in accordance with this condition. The Emission Test Report was submitted to the Department on June 27, 2011. The Emission Test Report was approved by the Department on November 16, 2011. An engine operating plan was submitted to the Department in December 2011 following approval of the Emission Test Report.</p> <p>An emission cap report for the 1/1/11 – 6/30/11 semi-annual reporting period was submitted on 7/30/11 in accordance with this condition. An emission cap report for the 7/1/11 – 12/31/11 semi-annual reporting period was submitted on 1/30/12 in accordance with this condition. NOx emissions remain less than 100 tons/yr.</p>	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
			<p>The Compliance Certification applies to:</p> <p>Emission Unit: 1-LFGTE</p> <p>Process: GAS</p> <p>Regulated Contaminant(s):</p> <p style="padding-left: 40px;">CAS No: 0NY210-00-0 OXIDES OF NITROGEN</p> <p>Item 33.7:</p> <p>Compliance Certification shall include the following monitoring:</p> <p>Capping: Yes</p> <p>Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES</p> <p>Monitoring Description: In order to remain below the 100 tpy PTE threshold of a major source, the owner will cap emissions of oxides of nitrogen (NOx). This limit will ensure that the facility will not be applicable to 6NYCRR Part 227 NOx RACT provisions or Part 231 New Source Review provisions.</p> <p>The facility is required to submit an operating plan as described in 6NYCRR Part 227-2.3(c) to the Department for approval. The facility must operate the engines in accordance with this approved operating plan. This will ensure that the engines are operating under the same conditions as the most recent approved performance test. The document shall be updated when any changes occur.</p> <p>Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION</p> <p>Reporting Requirements: ANNUALLY (CALENDAR)</p> <p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 1/30/2010.</p> <p>Subsequent reports are due every 12 calendar month(s).</p>			

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
34	40CFR 60.4, NSPS Subpart A	Facility	<p>EPA Region 2 address.</p> <p>All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted in duplicate to the following address:</p> <p style="padding-left: 40px;">Director, Division of Enforcement and Compliance Assistance USEPA Region 2 290 Broadway, 21st Floor New York, NY 10007-1886</p> <p>Copies of all correspondence to the administrator pursuant to this part shall also be submitted to the NYSDEC Regional Office issuing this permit (see address at the beginning of this permit) and to the following address:</p> <p style="padding-left: 40px;">NYSDEC Bureau of Quality Assurance 625 Broadway Albany, NY 12233-3258</p>	Continuous	Copies of all requested reports, submittals etc. are submitted as required.	N
35	40CFR 60.7(b), NSPS Subpart A	Facility	<p>Recordkeeping requirements.</p> <p>Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.</p>	Continuous	The facility maintains engine startup and shutdown logs. Applicable records are maintained onsite and appropriate actions are undertaken to prevent contravention of air quality standards.	N
36	40CFR 60.7(c), NSPS Subpart A	Facility	<p>Compliance Certification</p> <p>The Compliance Certification activity will be performed for the Facility.</p> <p>Compliance Certification shall include the following monitoring:</p> <p>Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES</p> <p>Monitoring Description: Affected owners or operators shall submit an excess emissions report and/or a summary report form (as defined in 40 CFR 60.7(d)) semi-annually (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be post marked no later than 30 days after each six (6) month period (or as appropriate), and shall contain the following information:</p> <p>1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;</p>	Continuous	Summary Report Forms for Excess Emissions of permit regulated pollutants (CO and NOx) are provided as attachments to the Semi-Annual Monitoring Report. No excess emissions occurred at the facility during the reporting period. The next excess emissions compliance certification will be submitted by July 30, 2012 for the reporting period of 1/1/12 - 6/30/12.	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
			<p>2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;</p> <p>3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments; and</p> <p>4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.</p> <p>Monitoring Frequency: CONTINUOUS</p> <p>Reporting Requirements: SEMI-ANNUALLY (CALENDAR)</p> <p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 7/30/2009.</p> <p>Subsequent reports are due every 6 calendar month(s).</p>			
37	40CFR 60.7(d), NSPS Subpart A	Facility	<p>Excess emissions report.</p> <p>A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).</p>	Continuous	Summary Report Forms for Excess Emissions of permit regulated pollutants (CO and NOx) are provided in the Semi-Annual Monitoring Reports. No excess emissions occurred at the facility during the reporting period.	N
38	40CFR 60.7(f), NSPS Subpart A	Facility	<p>Facility files for subject sources.</p> <p>The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspections. The file shall be maintained for at least two years following the date of such measurements, reports, and records.</p>	Continuous	Applicable data is recorded and maintained onsite for the required 2-year period.	N
39	40CFR 60.7(g), NSPS Subpart A	Facility	<p>Notification Similar to State or Local Agency</p> <p>If notification substantially similar to that in 40 CFR Part 60.7(a) is required by any other State or local agency, sending the Administrator a copy of that notification will satisfy the requirements of 40 CFR Part 60.7(a).</p>	Continuous	Notifications are submitted as required by the permit.	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
40	40CFR 60.9, NSPS Subpart A	Facility	Availability of information. The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by 40 CFR Part 2.	Continuous	Information is available as required.	N
41	40CFR 60.12, NSPS Subpart A	Facility	Circumvention. No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.	Continuous	The facility does not conceal emissions.	N
42	40CFR 60.14, NSPS Subpart A	Facility	Modifications. Within 180 days of the completion of any physical or operational change (as defined in section 60.14), compliance with the applicable standards must be achieved.	Continuous	There were no modifications to the permit made during the reporting period.	N
43	40CFR 60.15, NSPS Subpart A	Facility	Reconstruction The following shall be submitted to the Administrator prior to reconstruction (as defined in section 60.15): 1) a notice of intent to reconstruct 60 days prior to the action; 2) name and address of the owner or operator; 3) the location of the existing facility; 4) a brief description of the existing facility and the components to be replaced; 5) a description of the existing air pollution control equipment and the proposed air pollution control equipment; 6) an estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new facility; 7) the estimated life of the facility after the replacements; and 8) a discussion of any economic or technical limitations the facility may have in complying with the applicable standards of performance after the proposed replacements.	Continuous	Reconstruction was not conducted during the reporting period.	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
44	6NYCRR 201-6	Facility	<p>Emission Point Definition By Emission Unit</p> <p>The following emission points are included in this permit for the cited Emission Unit:</p> <p>Emission Unit: 1-LFGTE</p> <p>Emission Point: 00001 Height (ft.): 28 Diameter (in.): 20</p> <p>Emission Point: 00002 Height (ft.): 28 Diameter (in.): 20</p> <p>Emission Point: 00003 Height (ft.): 28 Diameter (in.): 20</p>	Continuous	In addition to the permitted emission points listed in this Condition, the Department approved the installation and operation of one (1) Cummins C2000N6C engine generator set from the research and development permitting exemption of 6 NYCRR Part 201-3.2(c)(44). The Cummins engine and two (2) CAT G3520C engines were operational during the reporting period.	N
45	6NYCRR 201-6	Facility	<p>Process Definition By Emission Unit</p> <p>This permit authorizes the following regulated processes for the cited Emission Unit:</p> <p>Emission Unit: 1-LFGTE Process: GAS Source Classification Code: 2-01-008-02</p> <p>Process Description: Treated landfill gas from Bath Landfill is combusted in three internal combustion engines. One Caterpillar G3520C engine consumes approximately 431 standard cubic feet per minute (scfm) of landfill gas at 50 % methane.</p> <p>Emission Source/Control: ENG01 - Combustion Design Capacity: 2,233 horsepower (electric)</p> <p>Emission Source/Control: ENG02 - Combustion Design Capacity: 2,233 horsepower (electric)</p> <p>Emission Source/Control: ENG03 - Combustion Design Capacity: 2,233 horsepower (electric)</p>	Continuous	In addition to the permitted emission points listed in this Condition, the Department approved the installation and operation of one (1) Cummins C2000N6C engine generator set from the research and development permitting exemption of 6 NYCRR Part 201-3.2(c)(44). The Cummins engine and two (2) CAT G3520C engines were operational during the reporting period.	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
46	6NYCRR 201-7	Facility	<p>Process Permissible Emissions</p> <p>The sum of emissions from the regulated process cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:</p> <p>Emission Unit: 1-LFGTE Process: GAS</p> <p>CAS No: 000630-08-0 Name: CARBON MONOXIDE PTE(s): 57.08 pounds per hour 500,000 pounds per year</p> <p>CAS No: 0NY210-00-0 Name: OXIDES OF NITROGEN PTE(s): 22.82 pounds per hour 200,000 pounds per year</p>	Continuous	The facility monitors electricity generation for determination of CO and NOx emission rates from the GAS Process (engine operation). Rolling 12 month emissions are calculated monthly, and an emission cap report is submitted semi-annually in accordance with this permit. The facility is in compliance with the CO and NOx emission limits.	N
47	6NYCRR 227-1.3(a)	Facility	<p>Compliance Certification</p> <p>The Compliance Certification activity will be performed for:</p> <p>Emission Unit: 1-LFGTE Process: GAS</p> <p>Compliance Certification shall include the following monitoring:</p> <p>Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE</p> <p>Monitoring Description: No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one six-minute period per hour of not more than 27 percent opacity. The facility will perform a visual observation on a daily basis. If any opacity is noted, corrective action will be taken immediately or a Method 9 will be performed within two business days.</p> <p>Parameter Monitored: OPACITY</p> <p>Upper Permit Limit: 20 percent</p> <p>Reference Test Method: EPA Method 9</p> <p>Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION</p> <p>Averaging Method: 6 MINUTE AVERAGE</p> <p>Reporting Requirements: SEMI-ANNUALLY (CALENDAR)</p> <p>Reports due 30 days after the reporting period.</p> <p>The initial report is due 7/30/2009.</p> <p>Subsequent reports are due every 6 calendar month(s).</p>	Continuous	The Cummins 2000 kW engine and two (2) CAT G3520C engines were operational during the reporting period. No events exceeding opacity limits were observed during the reporting period from the emission sources. A daily opacity log is maintained onsite. The Department did not require an EPA Method 9 Opacity evaluation during this reporting period.	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
48	ECL 19-0301	Facility	<p>Contaminant List</p> <p>Emissions of the following contaminants are subject to contaminant specific requirements in this permit (emission limits, control requirements or compliance monitoring conditions).</p> <p>CAS No: 000630-08-0 Name: CARBON MONOXIDE</p> <p>CAS No: 0NY210-00-0 Name: OXIDES OF NITROGEN</p>	Continuous	The facility complies with the requirements for each contaminant in 48 as required by the permit conditions.	N
49	6NYCRR 201-1.4	Facility	<p>Unavoidable noncompliance and violations</p> <p>At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.</p> <p>(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.</p> <p>(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in</p>	Continuous	The facility maintains engine startup and shutdown logs. There were no reportable excess emissions during the reporting period. Applicable records are maintained onsite and appropriate actions are undertaken to prevent contravention of air quality standards.	N

Condition Number	Applicable Requirement	Permit Level	Description of Requirement	Compliance status Continuous or Intermittent	Methods used to determine compliance	Deviations Y/N
			<p>writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken; identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.</p> <p>(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.</p> <p>(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.</p> <p>(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.</p>			
50	6NYCRR 211.2	Facility	<p>Air pollution prohibited</p> <p>No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.</p>	Continuous	The facility monitors operations to ensure that air pollution emissions are within the emission limitation conditions of the permit.	N

SUMMARY OF DEVIATIONS FROM PERMIT REQUIREMENTS

Condition Number	Applicable Requirement	Permit Level	Description of Deviation	Probable Cause of Deviation	Corrective/Preventative Action Taken as a Result of the Deviation	Date of Written Notification



• 1-800-724-1070 •

www.bartonandloguidice.com