



**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 8-4532-00075/00029  
Mod 0 Effective Date: 10/06/2005 Expiration Date: 10/05/2010

Mod 1 Effective Date: Expiration Date:

Permit Issued To: SENECA ENERGY II LLC  
2999 JUDGE RD  
OAKFIELD, NY 14125

Contact: PETER H ZELIFF  
INNOVATIVE ENERGY SYSTEMS INC  
2999 JUDGE RD  
OAKFIELD, NY 14125-9771  
(585) 948-8580

Facility: SENECA ENERGY LFGTE FACILITY  
ST RTE 414|RENEWABLE RESOURCES PARK  
SENECA FALLS, NY 13165

Contact: PETER H ZELIFF  
INNOVATIVE ENERGY SYSTEMS INC  
2999 JUDGE RD  
OAKFIELD, NY 14125-9771  
(585) 948-8580

Description:

Modification of the Title V Facility Permit for a total of 18 engines capable of producing 6.4 megawatts of electricity. This permit replaces the renewed and modified permit dated October 2005. The facility was previously permitted to operate 18 engines under the Emission Units 1-Stage, 2- Stage, and 3-Stage. This Title V permit modification reflects the installation and operation of a diesel fueled IC engine used to power an 800 eKW electricity generator which will be added under the new emission unit E-GENER. The unit will be used for a maximum of 250 hours per year when utility outages occur. The unit also consists of a 1400 gallon above-ground storage tank with stored diesel fuel. The modification includes the listing of Subpart 201-3.2 Exempt activities, changes to equipment operating specifications, and changes to CO and NOx emission rate calculations.

The PSD exemption, NOX RACT, and NAAQS requirements of the previous permit are carried over in to this modified permit. The additional equipment will be within the previous permit caps for NOx and CO. In addition, requirements pursuant to 40 CFR 60 Subpart IIII have been added to the permit to address the emergency diesel generator. Certain monitoring requirements for the original 18 engines have been revised.



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: PETER A LENT  
DIVISION OF ENVIRONMENTAL PERMITS  
6274 EAST AVON LIMA RD  
AVON, NY 14414-9519

Authorized Signature: \_\_\_\_\_ Date: \_\_\_ / \_\_\_ / \_\_\_\_\_



### 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.



## LIST OF CONDITIONS

### DEC GENERAL CONDITIONS

#### General Provisions

- Facility Inspection by the Department
- Relationship of this Permit to Other Department Orders and Determinations
  - Applications for permit renewals, modifications and transfers
  - Applications for Permit Renewals and Modifications
  - Permit modifications, suspensions or revocations by the Department
  - Permit Modifications, Suspensions and Revocations by the Department

#### Facility Level

- Submission of Applications for Permit Modification or Renewal -REGION 8 HEADQUARTERS
- 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 1-1: Applications for permit renewals, modifications and transfers**

**Applicable State Requirement: 6NYCRR 621.11**

**Item 1-1.1:**

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 1-1.2:**

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 1-1.3:**

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 3: Applications for Permit Renewals and Modifications**  
**Applicable State Requirement: 6NYCRR 621.13**

**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 1-2: Permit modifications, suspensions or revocations by the Department**  
**Applicable State Requirement: 6NYCRR 621.13**

**Item 1-2.1:**

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.

**Condition 4: Permit Modifications, Suspensions and Revocations by the Department**  
**Applicable State Requirement: 6NYCRR 621.14**

**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 Applications for Permit Modification or Renewal -REGION 8 HEADQUARTERS**

**Applicable State Requirement: 6NYCRR 621.5(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

**Condition 1-3: Submission of application for permit modification or renewal-REGION 8 HEADQUARTERS**

**Applicable State Requirement: 6NYCRR 621.6(a)**

**Item 1-3.1:**

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: SENECA ENERGY II LLC  
2999 JUDGE RD  
OAKFIELD, NY 14125

Facility: SENECA ENERGY LFGTE FACILITY  
ST RTE 414|RENEWABLE RESOURCES PARK  
SENECA FALLS, NY 13165

Authorized Activity By Standard Industrial Classification Code:  
3519 - INTERNAL COMBUSTION ENGINES

Permit Effective Date:

Permit Expiration Date:



## LIST OF CONDITIONS

### DEC GENERAL CONDITIONS

#### General Provisions

- Facility Inspection by the Department
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  - Applications for Permit Renewals and Modifications
  - Permit modifications, suspensions or revocations by the Department
  - Permit Modifications, Suspensions and Revocations by the Department

#### Facility Level

- Submission of Applications for Permit Modification or Renewal -REGION 8 HEADQUARTERS
- Submission of application for permit modification or renewal-REGION 8 HEADQUARTERS

### FEDERALLY ENFORCEABLE CONDITIONS

#### Facility Level

- 1-1 6NYCRR 202-2.1: Compliance Certification
- 1-2 6NYCRR 202-2.5: Recordkeeping requirements
- 1-3 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 10 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 21 6NYCRR 201-6: Emission Unit Definition
- 1-4 6NYCRR 227-2.4(f)(2)(iii): Compliance Certification
- 24 6NYCRR 227-2.4(f)(2)(iii): Compliance Certification
- 25 6NYCRR 227-2.4(f)(2)(iii): Compliance Certification
- 1-5 6NYCRR 227-2.6(c): Compliance Certification
- 26 6NYCRR 227-2.6(c): Compliance Certification
- 1-6 6NYCRR 257-4: Compliance Certification
- 1-7 6NYCRR 257-4: Compliance Certification
- 29 6NYCRR 257-4: Compliance Certification
- 30 6NYCRR 257-4: Compliance Certification
- 1-8 6NYCRR 257-7: Compliance Certification
- 31 6NYCRR 257-7: Compliance Certification
- 1-9 40CFR 60.7(a), NSPS Subpart A: Modification Notification
- 1-10 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 1-11 40CFR 60.7(c), NSPS Subpart A: Compliance Certification
- 1-12 40CFR 60.7(d), NSPS Subpart A: Excess emissions report.
- 1-13 40CFR 60.7(e), NSPS Subpart A: Monitoring frequency waiver.
- 1-14 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 1-15 40CFR 60.7(g), NSPS Subpart A: Notification Similar to State or Local Agency
- 1-16 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 1-17 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 1-18 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 1-19 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 1-20 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 1-21 40CFR 60.9, NSPS Subpart A: Availability of information.



- 1-22 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 1-23 40CFR 60.12, NSPS Subpart A: Circumvention.
- 1-24 40CFR 60.14, NSPS Subpart A: Modifications.
- 1-25 40CFR 60.15, NSPS Subpart A: Reconstruction
- 1-26 40CFR 60.4206, NSPS Subpart IIII: Duration of emission standards  
for new stationary compression ignition IC engines  
**Emission Unit Level**
- 34 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 35 6NYCRR 201-6: Process Definition By Emission Unit

**EU=3-STAGE**

- 1-27 6NYCRR 227-1.3(a): Compliance Certification
- 36 6NYCRR 227-1.3(a): Compliance Certification
- 1-28 6NYCRR 257-4: Compliance Certification
- 1-29 40CFR 60.752(b)(2)(iii)(B'), NSPS Subpart WWW: Compliance Certification
- 37 40CFR 60.752(b)(2)(iii)(B'), NSPS Subpart WWW: Compliance Certification

**EU=E-GENER**

- 1-30 40CFR 60.4205(a), NSPS Subpart IIII: Compliance Certification
- 1-38 40CFR 60.4207(a), NSPS Subpart IIII: Compliance Certification
- 1-31 40CFR 60.4207(a), NSPS Subpart IIII: Compliance Certification
- 1-32 40CFR 60.4207(a), NSPS Subpart IIII: Compliance Certification
- 1-33 40CFR 60.4207(b), NSPS Subpart IIII: Compliance Certification
- 1-34 40CFR 60.4209(a), NSPS Subpart IIII: Compliance Certification
- 1-35 40CFR 60.4211(e), NSPS Subpart IIII: Compliance Certification
- 1-36 40CFR 60.4214, NSPS Subpart IIII: Compliance Certification

**EU=E-GENER,Proc=EMG,ES=EGENE**

- 1-37 6NYCRR 227-1.3(a): Compliance Certification

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 38 ECL 19-0301: Contaminant List
- 1-39 6NYCRR 211.2: Air pollution prohibited



**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 1-1: Compliance Certification  
Effective for entire length of Permit**

**Applicable Federal Requirement:6NYCRR 202-2.1**

**Item 1-1.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 1-1.2:**

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 1-2: Recordkeeping requirements  
Effective for entire length of Permit**

**Applicable Federal Requirement:6NYCRR 202-2.5**

**Item 1-2.1:**

(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.

**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 1-3: Prohibition of Reintroduction of Collected Contaminants to the air**

**Effective for entire length of Permit**

**Applicable Federal Requirement:6NYCRR 201-1.8**

**Replaces Condition(s) 10**

**Item 1-3.1:**

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 10: Prohibition of Reintroduction of Collected Contaminants to the air**

**Effective between the dates of 10/06/2005 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 201-1.8**

**Replaced by Condition(s) 1-3**

**Item 10.1:**

No person shall 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.

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

**Condition 21: Emission Unit Definition**

**Effective between the dates of 10/06/2005 and Permit Expiration Date**



**Applicable Federal Requirement:6NYCRR 201-6**

**Item 21.1(From Mod 1):**

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

Emission Unit: 3-STAGE

Emission Unit Description:

1. 14 lean-burn CAT G3516 (01ENG-14ENG) and 4 lean-burn CAT G3520C (15ENG-18ENG) gas IC engines connected to individual electricity generators installed in building ENGBLDG.
2. Ancillary equipment with insignificant emissions [exempt pursuant to 6NYCRR Part 201-3.1(b)] that supports the electricity generation operations.

a. Engine radiator coolant (new and used) will be stored in separate above ground holding tanks positioned on the premises of the LFG fueled IC engine electricity generation operations. The new and used engine radiator coolant storage tanks will each have capacities of 1,000 gallons.

b. Engine lube oil (new and used) will be stored in separate above ground holding tanks positioned on the premises of the LFG fueled IC engine electricity generation operations. The new lube oil storage tanks will have capacities of 8,000 gallons and 6,000 gallons. The used oil storage tank will have a capacity of 2,000 gallons.

Building(s): ENGBLDG

**Item 21.2(From Mod 1):**

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

Emission Unit: E-GENER

Emission Unit Description:

This emission unit will consist of one (1) diesel fueled IC engine (Catepillar, Inc., CAT Model C27 DITA) used to power an electricity generator (CAT Model SR4B) for a maximum of 250 hr/yr when utility outages occur. This unit will also consist of a 1400 gallon above ground tank that will store diesel fuel to operate the emergency generator. This tank has insignificant emissions pursuant to 6NYCRR Part 201-3.

Building(s): EGENENCL

**Condition 1-4: Compliance Certification  
Effective for entire length of Permit**

**Applicable Federal Requirement:6NYCRR 227-2.4(f)(2)(iii)**

**Item 1-4.1:**



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

Emission Unit: 3-STAGE

Regulated Contaminant(s):

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

**Item 1-4.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In order to show compliance with the NOx RACT standard of sources firing landfill gas of 2.0 grams per brake horsepower-hour, the facility is required to conduct quarterly instantaneous testing per calendar year using a portable NOx analyzer on engines 01ENG through 18ENG. The sampling will be done in accordance with the analyzer manufacturer's recommendations for testing and calibration (using non-EPA methods).

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: 2.0 grams per brake horsepower-hour

Reference Test Method: 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.

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

**Condition 24: Compliance Certification**

**Effective between the dates of 10/06/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-2.4(f)(2)(iii)**

**Expired by Mod 1**

**Item 24.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 24.2:**

Compliance Certification shall include the following monitoring:



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

Monitoring Description:

The facility will limit NO<sub>x</sub> emissions from each engine to 2.0 grams per brake horsepower-hour. The facility will measure and record oxygen levels in the exhaust stack of each engine on a daily basis. The range of oxygen levels is based on manufacturer's specifications of an engine operating at full load. This range may be modified based on the most recent approved emissions test.

Parameter Monitored: OXYGEN CONTENT

Lower Permit Limit: 6.3 percent

Upper Permit Limit: 9.0 percent

Monitoring Frequency: DAILY

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED  
RANGE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 25: Compliance Certification**  
**Effective between the dates of 10/06/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-2.4(f)(2)(iii)**

**Expired by Mod 1**

**Item 25.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 3-STAGE

Regulated Contaminant(s):

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

**Item 25.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In order to show compliance with the NO<sub>x</sub> RACT standard of sources firing landfill gas of 2.0 grams per brake horsepower-hour, the facility is required to conduct instantaneous testing semiannually per calendar year using a portable NO<sub>x</sub> analyzer. The sampling will be done in accordance with the analyzer manufacturer's recommendations for testing and calibration (using non-EPA methods).

Upper Permit Limit: 2.0 grams per brake horsepower-hour

Reference Test Method: METHOD - SEE MONITORING DESCRIPTION



Monitoring Frequency: SEMI-ANNUALLY

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 1/30/2006.

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

**Condition 1-5: Compliance Certification**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 227-2.6(c)**

**Item 1-5.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 3-STAGE

Regulated Contaminant(s):

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

**Item 1-5.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In order to show compliance with the NO<sub>x</sub> RACT standard of sources firing landfill gas of 2.0 grams per brake horsepower-hour, the facility is required to conduct an emission test under 6NYCRR Part 227-2.6(a)(7). In accordance with this requirement, the facility must:

1) submit a compliance test protocol to the Department for approval at least 30 days prior to emission testing. The conditions of the testing and the locations of the sampling devices must be acceptable to the Department; and

2) utilize the procedures set forth in 40 CFR Part 60, Appendix A or any other method acceptable to the Department and the Administrator for determining compliance with the NO<sub>x</sub> limit of 2.0 grams per brake horsepower-hour, and must, in addition, follow the procedures set forth in 6NYCRR Part 202 as follows:

For stationary internal combustion engines, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the Department;

3) 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.



The facility must conduct the required emissions test at 100% +/- 10% load on each engine type determined by the Department. The Department will base its decision using the NOx emission rates as determined by the portable NOx analyzer prior to the emissions test.

Prior to renewal of the Title V permit, the facility must complete a second performance test utilizing procedures for engine selection and testing 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: 2.0 grams per brake horsepower-hour

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 26: Compliance Certification**

**Effective between the dates of 10/06/2005 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 227-2.6(c)**

**Expired by Mod 1**

**Item 26.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 3-STAGE

Regulated Contaminant(s):

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

**Item 26.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In order to show compliance with the NOx RACT standard of sources firing landfill gas of 2.0 grams per brake horsepower-hour, the facility is required to conduct an emission test under 6NYCRR Part 227-2.6(a)(7). In accordance with this requirement, the facility must:

1) submit a compliance test protocol to the Department for approval at least 30 days prior to emission testing. The conditions of the testing and the locations of the sampling devices must be acceptable to the Department; and

2) utilize the procedures set forth in 40 CFR Part 60,



Appendix A or any other method acceptable to the Department and the Administrator for determining compliance with the NO<sub>x</sub> limit of 2.0 grams per brake horsepower-hour, and must, in addition, follow the procedures set forth in 6NYCRR Part 202 as follows:

For stationary internal combustion engines, utilize Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference method approved by the Department;

3) 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.

The facility should complete the initial performance test no later than 180 days of startup of the engine plant. The facility must conduct the required emissions test at 100% +/- 10% load on each engine type determined by the Department. The Department will base its decision using the NO<sub>x</sub> emission rates as determined by the portable NO<sub>x</sub> analyzer prior to the emissions test.

Prior to renewal of the Title V permit, the facility must complete a second performance test utilizing procedures for engine selection and testing 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: 2.0 grams per brake horsepower-hour

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 1-6: Compliance Certification**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 257-4**

**Item 1-6.1:**

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

Emission Unit: 3-STAGE

Emission Unit: E-GENER

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 1-6.2:**

Compliance Certification shall include the following monitoring:



Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The sum of emissions of carbon monoxide from this facility are limited to 522.9 tons/year calculated on a rolling 12 month total. This limit ensures that National Ambient Air Quality Standards are not exceeded. The facility shall calculate monthly carbon monoxide emissions from engines 01ENG through 18ENG 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 dated May 18, 2007 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: 522.9 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.

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

**Condition 1-7: Compliance Certification**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 257-4**

**Item 1-7.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 3-STAGE

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 1-7.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility must show that they are in compliance with the 522.9 tons/yr limit for carbon monoxide. An emission



test using 40CFR60 APP A-10 must be completed on each engine type determined by the Department. The Department will base its decision on the NOx emission rates as determined by the portable NOx analyzer prior to the emissions test.

An emissions test for the above mentioned emission sources must be completed no later than 180 days prior to renewal of the TV permit.

Upper Permit Limit: 522.9 tons per year

Reference Test Method: 40CFR60 APP A-10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 29: Compliance Certification**  
**Effective between the dates of 10/06/2005 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 257-4**

**Expired by Mod 1**

**Item 29.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 29.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The sum of emissions of carbon monoxide from this facility are limited to 522.9 tons/year calculated on a rolling 12 month total. This limit ensures that National Ambient Air Quality Standards are not exceeded. The facility shall calculate monthly carbon monoxide emissions using daily records of gas burned and oxygen readings at each engine and keep these records in a format acceptable to the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: LANDFILL GAS

Parameter Monitored: FLOW

Upper Permit Limit: 522.9 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 1/30/2006.

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

**Condition 30: Compliance Certification**  
**Effective between the dates of 10/06/2005 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 257-4**

**Expired by Mod 1**

**Item 30.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 3-STAGE

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 30.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility must show that they are in compliance with the 522.9 tons/yr limit for carbon monoxide. An emission test using 40CFR60 APP A-10 must be completed on each engine type determined by the Department. The Department will base its decision on the NOx emission rates as determined by the portable NOx analyzer prior to the emissions test. These tests must be completed within 180 days of startup of the engine plant.

A second emissions test for the above mentioned emission sources must also be completed no later than 180 days prior to renewal of the TV permit.

Upper Permit Limit: 522.9 tons per year

Reference Test Method: 40CFR60 APP A-10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

**Condition 1-8: Compliance Certification**  
**Effective for entire length of Permit**

**Applicable Federal Requirement:6NYCRR 257-7**



**Item 1-8.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 1-8.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The sum of emissions of oxides of nitrogen from this facility are limited to 214.4 tons/year calculated on a rolling 12 month total. This limit ensures that National Ambient Air Quality Standards are not exceeded. The facility shall calculate monthly oxides of nitrogen emissions from 01ENG through 18ENG using daily individual engine bHp production data based on the amount of electricity that is generated at each engine and the results from the approved stack test report dated May 18, 2007 for emission factors (the results of quarterly oxides of nitrogen monitoring will be used to verify proper operation of the engines and confirm the accuracy of the stack test emission factors). All other sources of oxides of nitrogen emissions shall be calculated and included in the facility's rolling 12 month total. These records shall be kept 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: 214.4 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.

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

**Condition 31: Compliance Certification**

**Effective between the dates of 10/06/2005 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 257-7**

**Expired by Mod 1**

**Item 31.1:**

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 31.2:**



Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The sum of emissions of oxides of nitrogen from this facility are limited to 214.4 tons/year calculated on a rolling 12 month total. This limit ensures that National Ambient Air Quality Standards are not exceeded. The facility shall calculate monthly oxides of nitrogen emissions using daily records of gas burned and oxygen readings at each engine and keep these records in a format acceptable to the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: LANDFILL GAS

Parameter Monitored: FLOW

Upper Permit Limit: 214.4 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 1/30/2006.

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

**Condition 1-9: Modification Notification**  
**Effective for entire length of Permit**

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

**Item 1-9.1:**

Any owner or operator subject to 40 CFR Part 60 shall furnish the Administrator and this office with the following information:

- a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under 40 CFR Part 60. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productivity capability of the facility before and after the change, and the expected completion date of the change. The Administrator and/or this Department may request additional information regarding the change.

**Condition 1-10: Recordkeeping requirements.**  
**Effective for entire length of Permit**

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

**Item 1-10.1:**

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 1-11: Compliance Certification**  
**Effective for entire length of Permit**

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

**Item 1-11.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 1-11.2:**

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 calendar quarter (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.

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

**Condition 1-12: Excess emissions report.**  
**Effective for entire length of Permit**



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

**Item 1-12.1:**

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 1-13: Monitoring frequency waiver.  
Effective for entire length of Permit**

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

**Item 1-13.1:** Notwithstanding the frequency of reporting requirements specified in paragraph (c) of this section, an owner or operator who is required by an applicable subpart to submit excess emissions and monitoring systems performance reports (and summary reports) on a quarterly (or more frequent) basis may reduce the frequency of reporting for that standard to semiannual if the conditions in 40 CFR 60.7(e) are met.

**Condition 1-14: Facility files for subject sources.  
Effective for entire length of Permit**

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

**Item 1-14.1:**

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 1-15: Notification Similar to State or Local Agency  
Effective for entire length of Permit**

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

**Item 1-15.1:**

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 1-16: Performance testing timeline.  
Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 60.8(a), NSPS Subpart A**

**Item 1-16.1:**

Within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup of the facility, the owner or operator of the facility shall conduct performance testing and provide the results of such tests, in a written report, to the Administrator.

**Condition 1-17: Required performance test information.**



**Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 60.8(c), NSPS Subpart A**

**Item 1-17.1:**

Performance tests shall be conducted under such conditions specified by the Administrator, based upon representative performance data supplied by the owner or operator of the facility.

**Condition 1-18: Prior notice.**

**Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 60.8(d), NSPS Subpart A**

**Item 1-18.1:**

The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

**Condition 1-19: Performance testing facilities.**

**Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 60.8(e), NSPS Subpart A**

**Item 1-19.1:**

The following performance testing facilities shall be provided during all tests:

- 1) sampling ports adequate for tests methods applicable to such facility;
- 2) a safe sampling platform;
- 3) a safe access to the sampling platform; and
- 4) utilities for sampling and testing equipment.

**Condition 1-20: Number of required tests.**

**Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 60.8(f), NSPS Subpart A**

**Item 1-20.1:**

Each performance test shall consist of three separate runs, at the specified duration required in the applicable test method. Compliance with all applicable standards shall be determined by using the arithmetic means of the results of the three runs.

**Condition 1-21: Availability of information.**

**Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A**

**Item 1-21.1:**

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 1-22: Opacity standard compliance testing.  
Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A**

**Item 1-22.1:**

The following conditions shall be used to determine compliance with the opacity standards:

1) observations shall be conducted in accordance with Reference Method 9, in Appendix A of 40 CFR Part 60(or an equivalent method approved by the Administrator including continuous opacity monitors);

2) the opacity standards apply at all times except during periods of start up, shutdown, and malfunction; and

3) all other applicable conditions cited in section 60.11 of this part.

**Condition 1-23: Circumvention.  
Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A**

**Item 1-23.1:**

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 1-24: Modifications.  
Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A**

**Item 1-24.1:**

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 1-25: Reconstruction  
Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 60.15, NSPS Subpart A**

**Item 1-25.1:**

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.

**Condition 1-26: Duration of emission standards for new stationary  
compression ignition IC engines  
Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 60.4206, NSPS Subpart III**

**Item 1-26.1:**

Owners and operators of a stationary compression ignition internal combustion engine (CI ICE) must operate and maintain the stationary CI ICE that achieves the emission standards as required in §§60.4204 and 60.4205 according to the manufacturer's written instructions or procedures developed by the owner or operator that are approved by the engine manufacturer, over the entire life of the engine.

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

**Condition 34: Emission Point Definition By Emission Unit  
Effective between the dates of 10/06/2005 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 201-6**

**Item 34.1(From Mod 1):**

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

Emission Unit: 3-STAGE

Emission Point: ENG01

Height (ft.): 29                      Diameter (in.): 12  
NYTMN (km.): 4754.222      NYTME (km.): 350.031      Building: ENGBLDG

Emission Point: ENG02

Height (ft.): 29                      Diameter (in.): 12  
NYTMN (km.): 4754.222      NYTME (km.): 350.031      Building: ENGBLDG



Emission Point: ENG03			
Height (ft.): 29	Diameter (in.): 12		
NYTMN (km.): 4754.222	NYTME (km.): 350.031	Building: ENGBLDG	
Emission Point: ENG04			
Height (ft.): 29	Diameter (in.): 12		
NYTMN (km.): 4754.222	NYTME (km.): 350.031	Building: ENGBLDG	
Emission Point: ENG05			
Height (ft.): 29	Diameter (in.): 12		
NYTMN (km.): 4754.222	NYTME (km.): 350.031	Building: ENGBLDG	
Emission Point: ENG06			
Height (ft.): 29	Diameter (in.): 12		
NYTMN (km.): 4754.222	NYTME (km.): 350.031	Building: ENGBLDG	
Emission Point: ENG07			
Height (ft.): 29	Diameter (in.): 12		
NYTMN (km.): 4754.222	NYTME (km.): 350.031	Building: ENGBLDG	
Emission Point: ENG08			
Height (ft.): 29	Diameter (in.): 12		
NYTMN (km.): 4754.222	NYTME (km.): 350.031	Building: ENGBLDG	
Emission Point: ENG09			
Height (ft.): 29	Diameter (in.): 12		
NYTMN (km.): 4754.222	NYTME (km.): 350.031	Building: ENGBLDG	
Emission Point: ENG10			
Height (ft.): 29	Diameter (in.): 12		
NYTMN (km.): 4754.222	NYTME (km.): 350.031	Building: ENGBLDG	
Emission Point: ENG11			
Height (ft.): 29	Diameter (in.): 12		
NYTMN (km.): 4754.222	NYTME (km.): 350.031	Building: ENGBLDG	
Emission Point: ENG12			
Height (ft.): 29	Diameter (in.): 12		
NYTMN (km.): 4754.222	NYTME (km.): 350.031	Building: ENGBLDG	
Emission Point: ENG13			
Height (ft.): 29	Diameter (in.): 12		
NYTMN (km.): 4754.222	NYTME (km.): 350.031	Building: ENGBLDG	
Emission Point: ENG14			
Height (ft.): 29	Diameter (in.): 12		
NYTMN (km.): 4754.222	NYTME (km.): 350.031	Building: ENGBLDG	
Emission Point: ENG15			
Height (ft.): 38	Diameter (in.): 15		
		Building: ENGBLDG	



Emission Point: ENG16  
Height (ft.): 38                      Diameter (in.): 15                      Building: ENGBLDG

Emission Point: ENG17  
Height (ft.): 38                      Diameter (in.): 15                      Building: ENGBLDG

Emission Point: ENG18  
Height (ft.): 38                      Diameter (in.): 15                      Building: ENGBLDG

**Item 34.2(From Mod 1):**

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

Emission Unit: E-GENER

Emission Point: EGEN1  
Height (ft.): 10                      Diameter (in.): 10                      Building: EGENENCL

**Condition 35:      Process Definition By Emission Unit**  
**Effective between the dates of 10/06/2005 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 201-6**

**Item 35.1(From Mod 1):**

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

Emission Unit: 3-STAGE  
Process: ST3                              Source Classification Code: 2-01-008-07  
Process Description:  
Process ST3 consists of:

1. 14 CAT G3516 gas IC engine generator sets that have individual maximum heat input rates of 8.6 MMBtu/hr LHV. At the minimum fuel quality utilization value of 420 Btu/cf (LHV), the maximum fuel use rate of each IC engine is approximately 341 cfm.
2. 4 CAT G3520C gas IC engine generator sets that have individual maximum heat input rates of 14.67 MMBtu/hr LHV. At the minimum fuel quality utilization value of 420 Btu/cf (LHV), the maximum fuel use rate of each IC engine is approximately 580 cfm.

Emission Source/Control: 01ENG - Combustion  
Design Capacity: 810 kilowatts

Emission Source/Control: 02ENG - Combustion  
Design Capacity: 810 kilowatts



Emission Source/Control: 03ENG - Combustion  
Design Capacity: 810 kilowatts

Emission Source/Control: 04ENG - Combustion  
Design Capacity: 810 kilowatts

Emission Source/Control: 05ENG - Combustion  
Design Capacity: 810 kilowatts

Emission Source/Control: 06ENG - Combustion  
Design Capacity: 810 kilowatts

Emission Source/Control: 07ENG - Combustion  
Design Capacity: 810 kilowatts

Emission Source/Control: 08ENG - Combustion  
Design Capacity: 835 kilowatts

Emission Source/Control: 09ENG - Combustion  
Design Capacity: 835 kilowatts

Emission Source/Control: 10ENG - Combustion  
Design Capacity: 835 kilowatts

Emission Source/Control: 11ENG - Combustion  
Design Capacity: 835 kilowatts

Emission Source/Control: 12ENG - Combustion  
Design Capacity: 835 kilowatts

Emission Source/Control: 13ENG - Combustion  
Design Capacity: 835 kilowatts

Emission Source/Control: 14ENG - Combustion  
Design Capacity: 835 kilowatts

Emission Source/Control: 15ENG - Combustion  
Design Capacity: 1,600 kilowatts

Emission Source/Control: 16ENG - Combustion  
Design Capacity: 1,600 kilowatts

Emission Source/Control: 17ENG - Combustion  
Design Capacity: 1,600 kilowatts

Emission Source/Control: 18ENG - Combustion  
Design Capacity: 1,600 kilowatts

**Item 35.2(From Mod 1):**

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

Emission Unit: E-GENER

Process: EMG

Source Classification Code: 2-01-008-02



Process Description:

Process EMG consists of an emergency 800 kW diesel fueled IC engine generator set. (Not 6NYCRR Part 201-3(b) exempt based applicability of 40CFR Part 60 Subpart IIII).

Emission Source/Control: EGENE - Combustion  
Design Capacity: 800 kilowatts

**Condition 1-27: Compliance Certification**  
**Effective for entire length of Permit**

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

**Item 1-27.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 3-STAGE

**Item 1-27.2:**

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% 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 of each exhaust on a daily basis. If any opacity is noted, corrective action will be taken immediately or a Method 9 will be performed within 2 business days. The facility shall keep records of daily observations and any corrective action performed in a format acceptable to the Department.

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.

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

**Condition 36: Compliance Certification**  
**Effective between the dates of 10/06/2005 and Permit Expiration Date**

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

**Expired by Mod 1**

**Item 36.1:**

The Compliance Certification activity will be performed for:



Emission Unit: 3-STAGE

**Item 36.2:**

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% 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 of each exhaust on a daily basis. If any opacity is noted, corrective action will be taken immediately or a Method 9 will be performed within 2 business days. The facility shall keep records of daily observations and any corrective action performed in a format acceptable to the Department.

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 1/30/2006.

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

**Condition 1-28: Compliance Certification**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 6NYCRR 257-4**

**Item 1-28.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 3-STAGE

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 1-28.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

In order to show compliance with the permit limit of 522.9 tons/yr of carbon monoxide, the facility is required to conduct quarterly instantaneous testing per calendar year using a portable CO analyzer on engines 01ENG through



18ENG. 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.

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: 522.9 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.

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

**Condition 1-29: Compliance Certification  
Effective for entire length of Permit**

**Applicable Federal Requirement: 40CFR 60.752(b)(2)(iii)('B'), NSPS Subpart**

**WWW**

**Item 1-29.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 3-STAGE

Regulated Contaminant(s):

CAS No: 0NY998-20-0 NMOC - LANDFILL USE ONLY

**Item 1-29.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

When using an enclosed combustion device for control of non-methane organic compounds (NMOC), the device must either reduce NMOC by 98 weight percent or reduce the outlet NMOC concentration to less than 20 parts per million by volume, dry basis as hexane at 3 percent oxygen.

An emissions test for each engine type must be completed no later than 180 days prior to renewal of the TV permit.



The facility has applied for a determination from the EPA if their system meets the definition of treatment as proposed in Subpart WWW. Until such a determination has been finalized with a response from EPA or the rule changes have been promulgated, the facility must comply with this permit condition.

Lower Permit Limit: 98 percent by weight

Reference Test Method: EPA Method 18, 25, 25C,25A

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 37: Compliance Certification**  
**Effective between the dates of 10/06/2005 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.752(b)(2)(iii)('B'), NSPS Subpart WWW**

**Expired by Mod 1**

**Item 37.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 3-STAGE

Regulated Contaminant(s):

CAS No: 0NY998-20-0 NMOC - LANDFILL USE ONLY

**Item 37.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

When using an enclosed combustion device for control of non-methane organic compounds (NMOC), the device must either reduce NMOC by 98 weight percent or reduce the outlet NMOC concentration to less than 20 parts per million by volume, dry basis as hexane at 3 percent oxygen. The initial performance test shall be completed no later than 180 days of startup of the engine plant. The test shall be completed on one of the new engines to be determined by the Department.

Additionally, a second emissions test for each engine type must also be completed no later than 180 days prior to renewal of the TV permit.

The facility has applied for a determination from the EPA if their system meets the definition of treatment as proposed in Subpart WWW. Until such a determination has been finalized with a response from EPA or the rule changes have been promulgated, the facility must comply



with this permit condition.

Lower Permit Limit: 98 percent by weight

Reference Test Method: EPA Method 18, 25, 25C

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 1-30: Compliance Certification**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 40CFR 60.4205(a), NSPS Subpart III**

**Item 1-30.1:**

The Compliance Certification activity will be performed for:

Emission Unit: E-GENER

Regulated Contaminant(s):

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

**Item 1-30.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of an emergency stationary compression ignition (CI) internal combustion engine (ICE) manufactured prior to the 2007 model year and with a displacement of greater than or equal to 10 liters per cylinder and less than 30 liters per cylinder that is not a fire pump engine must comply with the following Tier 1 standard NO<sub>x</sub> emission limits:

(i) 17.0 g/kW-hr when maximum test speed is less than 130 rpm.

(ii)  $45.0 \times N - 0.20$  when maximum test speed is at least 130 but less than 2000 rpm, where N is the maximum test speed of the engine in revolutions per minute.

(Note: Round speed-dependent standards to the nearest 0.1 g/kW-hr.)

(iii) 9.8 g/kW-hr when maximum test speed is 2000 rpm or more.

Compliance with these limits will be determined by conducting an initial performance test according to the requirements set forth in 40 CFR 60.4212. This requirement may be waived if the permittee can demonstrate compliance with the applicable emission limit by any of the following alternate methods listed below as per 40 CFR 60.4211(b)(1) thru (4):

(1) Purchasing an engine certified according to 40 CFR



part 89 or 40 CFR part 94, as applicable, for the same model year and maximum engine power. The engine must be installed and configured according to the manufacturer's specifications.

(2) Keeping records of performance test results for each pollutant for a test conducted on a similar engine. The test must have been conducted using the same methods specified in 40 CFR 60, Subpart IIII and these methods must have been followed correctly.

(3) Keeping records of engine manufacturer data indicating compliance with the standards.

(4) Keeping records of control device vendor data indicating compliance with the standards

Upper Permit Limit: 10.05 grams per kilowatt hour

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 1-38: Compliance Certification  
Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 60.4207(a), NSPS Subpart IIII**

**Item 1-38.1:**

The Compliance Certification activity will be performed for:

Emission Unit: E-GENER

**Item 1-38.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Beginning October 1, 2007, the owner or operator of a stationary compression ignition internal combustion engine which is subject to the requirements of subpart IIII of 40 CFR Part 60 may not fire diesel fuel above a maximum aromatic content of 35 percent per gallon as referenced in 40 CFR Part 80.510(a). Compliance shall be demonstrated by either sampling each delivery and conducting an appropriate analysis or by obtaining a certificate of analysis showing the aromatic content for each shipment of diesel fuel provided by the fuel supplier. In either case, the owner or operator must verify that any required



fuel analysis has been conducted using methodology acceptable to the Department. Records of all certificates of analysis provided by the fuel supplier and on-site fuel sampling results must be maintained on site for a minimum of five years.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: DIESEL OIL  
Parameter Monitored: AROMATIC CONTENT  
Upper Permit Limit: 35 percent  
Monitoring Frequency: PER DELIVERY  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
Subsequent reports are due every 6 calendar month(s).

**Condition 1-31: Compliance Certification**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 40CFR 60.4207(a), NSPS Subpart III**

**Item 1-31.1:**

The Compliance Certification activity will be performed for:

Emission Unit: E-GENER

**Item 1-31.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Beginning October 1, 2007, the owner or operator of a stationary compression ignition internal combustion engine which is subject to the requirements of subpart III of 40 CFR Part 60 may not fire diesel fuel below a minimum cetane index of 40 per gallon as referenced in 40 CFR Part 80.510(a). Compliance shall be demonstrated by either sampling each delivery and conducting an appropriate analysis or by obtaining a certificate of analysis showing the cetane index for each shipment of diesel fuel provided by the fuel supplier. In either case, the owner or operator must verify that any required fuel analysis has been conducted using methodology acceptable to the Department. Records of all certificates of analysis provided by the fuel supplier and on-site fuel sampling results must be maintained on site for a minimum of five years.

Work Practice Type: PARAMETER OF PROCESS MATERIAL  
Process Material: DIESEL OIL  
Parameter Monitored: CETANE INDEX



Lower Permit Limit: 40 ratio

Monitoring Frequency: PER DELIVERY

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED  
VALUE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 1-32: Compliance Certification**  
**Effective for entire length of Permit**

**Applicable Federal Requirement: 40CFR 60.4207(a), NSPS Subpart III**

**Item 1-32.1:**

The Compliance Certification activity will be performed for:

Emission Unit: E-GENER

**Item 1-32.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

Beginning October 1, 2007, the owner or operator of a stationary compression ignition internal combustion engine which is subject to the requirements of subpart III of 40 CFR Part 60 may not fire diesel fuel which exceeds a sulfur content of 500 ppm per gallon as referenced in 40 CFR Part 80.510(a). Compliance shall be demonstrated by either sampling each delivery and conducting an appropriate analysis or by obtaining a certificate of analysis showing the sulfur content or range of sulfur content for each shipment of diesel fuel provided by the fuel supplier. In either case, the owner or operator must verify that any required fuel analysis has been conducted using methodology acceptable to the Department. Records of all certificates of analysis provided by the fuel supplier and on-site fuel sampling results must be maintained on site for a minimum of five years.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DIESEL OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 500 parts per million by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY  
TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 1-33: Compliance Certification**



**Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 60.4207(b), NSPS Subpart IIII**

**Item 1-33.1:**

The Compliance Certification activity will be performed for:

Emission Unit: E-GENER

**Item 1-33.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Beginning October 1, 2010, the owner or operator of a stationary compression ignition internal combustion engine displacing less than 30 liters per cylinder and which is subject to the requirements of subpart IIII of 40 CFR Part 60 may not fire any diesel fuel which exceeds a sulfur content of 15 ppm per gallon as per the non-road diesel fuel sulfur content standard set forth in 40 CFR Part 80.510(b). Compliance shall be demonstrated by either sampling each delivery and conducting an appropriate analysis or by obtaining a certificate of analysis showing the sulfur content or range of sulfur content for each shipment of non-road diesel fuel provided by the fuel supplier. In either case, the owner or operator must verify that any required fuel analysis has been conducted using methodology acceptable to the Department. Records of all certificates of analysis provided by the fuel supplier and on-site fuel sampling results must be maintained on site for a minimum of five years.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DIESEL OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 15 parts per million by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 1-34: Compliance Certification  
Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 60.4209(a), NSPS Subpart IIII**

**Item 1-34.1:**

The Compliance Certification activity will be performed for:



Emission Unit: E-GENER

**Item 1-34.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an emergency stationary compression ignition IC engine must install and maintain a non-resettable hour meter prior to startup to monitor engine usage

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 1-35: Compliance Certification  
Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 60.4211(e), NSPS Subpart III**

**Item 1-35.1:**

The Compliance Certification activity will be performed for:

Emission Unit: E-GENER

**Item 1-35.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Emergency stationary ICE may be operated for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State, or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. There is no time limit on the use of emergency stationary ICE in emergency situations. Anyone may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency ICE beyond 100 hours per year. For owners and operators of emergency engines meeting standards under §60.4205 but not §60.4204, any operation other than emergency operation, and maintenance and testing as permitted in this section, is prohibited.



Parameter Monitored: ENGINE OPERATION

Upper Permit Limit: 100 hours per year

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: ANNUAL TOTAL

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 1-36: Compliance Certification**  
**Effective for entire length of Permit**

**Applicable Federal Requirement:40CFR 60.4214, NSPS Subpart IIII**

**Item 1-36.1:**

The Compliance Certification activity will be performed for:

Emission Unit: E-GENER

**Item 1-36.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners and operators of non-emergency stationary CI IC engines that are greater than 2,237 KW (3,000HP), or have a displacement of greater than or equal to 10 liters per cylinder, or are pre-2007 model year engines that are greater than 130 KW (175 HP) and not certified, must meet the following notification, reporting and recordkeeping requirements:

(1) Submit an initial notification including the following information as required in §60.7(a)(1).

- (i) Name and address of the owner or operator;
- (ii) The address of the affected source;
- (iii) Engine information including make, model, engine family, serial number, model year, maximum engine power, and engine displacement;
- (iv) Emission control equipment; and
- (v) Fuel used.

(2) Keep records of the information listed below:

- (i) All notifications submitted to comply with this subpart and all documentation supporting any notification.
- (ii) Maintenance conducted on the engine.
- (iii) If the stationary CI internal combustion is a certified engine, documentation from the manufacturer that the engine is certified to meet the emission standards.
- (iv) If the stationary CI internal combustion is not a certified engine, documentation that the engine meets the



emission standards.

If the stationary CI IC engine is an emergency stationary internal combustion engine, an initial notification is not required to be submitted. Starting with the model years in table 5 to Subpart IIII of Part 60, if the emergency engine does not meet the standards applicable to nonemergency engines in the applicable model year, the owner or operator must keep records of the operation of the engine in emergency and non-emergency service that are recorded through the nonresettable hour meter. The owner must record the time of operation of the engine and the reason the engine was in operation during that time.

If the stationary CI internal combustion engine is equipped with a diesel particulate filter, the owner or operator must keep records of any corrective action taken after the backpressure monitor has notified the owner or operator that the high backpressure limit of the engine is approached.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 1-37: Compliance Certification  
Effective for entire length of Permit**

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

**Item 1-37.1:**

The Compliance Certification activity will be performed for:

Emission Unit: E-GENER

Process: EMG

Emission Source: EGENE

**Item 1-37.2:**

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% 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 of each exhaust on a daily basis. If any opacity is noted, corrective action will be taken immediately or a Method 9 will be performed within 2 business days. The facility shall keep records of daily observations and any corrective action performed in a format acceptable to the Department.



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.

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 38: Contaminant List  
Effective between the dates of 10/06/2005 and Permit Expiration Date**

**Applicable State Requirement:ECL 19-0301**

**Item 38.1:**

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: 0NY998-20-0



Name: NMOC - LANDFILL USE ONLY

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

**Condition 1-39: Air pollution prohibited  
Effective for entire length of Permit**

**Applicable State Requirement:6NYCRR 211.2**

**Item 1-39.1:**

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.

New York State Department of Environmental Conservation

Permit ID: 8-4532-00075/00029

Facility DEC ID: 8453200075

