PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 3-3330-00184/00002
Effective Date: 10/07/2011 Expiration Date: 10/06/2016

Permit Issued To:AL TURI LANDFILL INC
73 HARTLEY RD
GOSHEN, NY 10924-9640

AMERESCO LFG-1 INC
111 SPEEN ST - STE 410
FRAMINGHAM, MA 01701

Facility: AL TURI LANDFILL & LFGTE FACILITY
91 HARTLEY RD
GOSHEN, NY 10924

Contact: SARAH SIMON
AMERESCO LFG-1 INC
111 SPEEN ST
FRAMINGHAM, MA 01701
(508) 661-2231

Description:
The Al Turi Landfill & LFGTE (the "facility") consists of a combined municipal solid waste landfill (the "landfill"), which is owned and operated by Al Turi Landfill, Inc. ("Al Turi") and an adjacent landfill gas to energy plant (the "LFGTE Plant"), which is owned and operated by Ameresco LFG-1, Inc. ("Ameresco"). This facility is located in Goshen, Orange County, New York and is accessed at 2690 Route 17M.

The subject of this Title V permit renewal 2 pertains to the landfill gas control sources owned and operated by Ameresco. Sources includes two - pre 2006 Caterpillar G3516 800 kW engines, a Caterpillar G3516 800 kW engine manufactured in 2009, an enclosed combustor flare an emergency backup open flare.

The facility's combined emissions for carbon monoxide exceed major source pollutant thresholds listed in 6 NYCRR Subpart 201-2. As of 2006, Oxides of Nitrogen emissions are below major source pollutant thresholds (See PRR). This is primarily attributable to diminishing landfill gas generation rates and recently acquired stack test data. The landfill's documented waste placement exceeds 2.5 million megagrams, accepted waste after 1987 and has calculated default nonmethane organic compound emission rate of greater than 50 megagrams per year. Therefore, the facility is subject to the provisions of Title V.

All three engines are lean burn spark ignited which are subject to NMOC control requirements under 6NYCRR Part 208. The new engine, manufactured in 2009, is subject to emission

standards under 40CFR 60 - JJJJ. The enclosed combustor flare is also subject to NMOC control requirements under 6NYCRR Part 208.

The Standard Industrial Classification representative of this source is 4931 - Electric & Other Services Combined.

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: KENNETH R GRZYB
NYSDEC REGION 3
21 S PUTT CORNERS RD
NEW PALTZ, NY 12561

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

Permit modifications, suspensions or revocations by the Department

Permit modifications, suspensions or revocations by the Department

Facility Level

Submission of application for permit modification or renewal-REGION 3 HEADQUARTERS

DEC GENERAL CONDITIONS
****** General Provisions ******
For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions.
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:
The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:
The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:
A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:
Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:
The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item 3.2:
The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:
Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be

submitted prior to actual transfer of ownership.

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

Item 4.1:
The Department reserves the right to exercise all available authority 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 5: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 5.1:
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 6: Submission of application for permit modification or renewal-REGION 3 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 6.1:
Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 3 Headquarters
Division of Environmental Permits
21 South Putt Corners Road
New Paltz, NY 12561-1696
(845) 256-3054

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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FRAMINGHAM, MA 01701

Facility: AL TURI LANDFILL & LFGTE FACILITY
91 HARTLEY RD
GOSHEN, NY 10924

Authorized Activity By Standard Industrial Classification Code:
4931 - ELEC & OTHER SERVICES COMBINED
4953 - REFUSE SYSTEMS

Permit Effective Date: 10/07/2011 Permit Expiration Date: 10/06/2016

LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS
Facility Level

1 6 NYCRR 200.6: Acceptable Ambient Air Quality
2 6 NYCRR 201-6.5 (a) (7): Fees
3 6 NYCRR 201-6.5 (c): Recordkeeping and reporting of compliance monitoring
4 6 NYCRR 201-6.5 (c) (2): Monitoring, Related Recordkeeping, and Reporting Requirements.
5 6 NYCRR 201-6.5 (c) (3) (ii): Compliance Certification
6 6 NYCRR 201-6.5 (e): Compliance Certification
7 6 NYCRR 202-2.1: Compliance Certification
8 6 NYCRR 202-2.5: Recordkeeping requirements
9 6 NYCRR 215.2: Open Fires - Prohibitions
10 6 NYCRR 200.7: Maintenance of Equipment
11 6 NYCRR 201-1.7: Recycling and Salvage
12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
15 6 NYCRR 201-6.5 (a) (4): Standard Requirement - Provide Information
16 6 NYCRR 201-6.5 (a) (8): General Condition - Right to Inspect
17 6 NYCRR 201-6.5 (d) (5): Standard Requirements - Progress Reports
18 6 NYCRR 201-6.5 (f) (6): Off Permit Changes
19 6 NYCRR 202-1.1: Required Emissions Tests
20 40 CFR Part 68: Accidental release provisions.
21 40CFR 82, Subpart F: Recycling and Emissions Reduction
22 6 NYCRR 201-1.1 (b): Compliance Certification
23 6 NYCRR Subpart 201-6: Emission Unit Definition
24 6 NYCRR 201-6.5: Compliance Certification
25 6 NYCRR 202-1.1: Compliance Certification
26 6 NYCRR 208.3 (b) (2) (iii) ('b'): Compliance Certification
27 6 NYCRR 208.3 (b) (2) (iii) ('b'): Compliance Certification
28 6 NYCRR 208.3 (b) (2) (iii) ('b'): Compliance Certification
29 6 NYCRR 208.4 (e): Compliance Certification
30 6 NYCRR 208.4 (f): Compliance Certification
31 6 NYCRR 208.5 (d): Compliance Certification
32 6 NYCRR 208.7 (b): Compliance Certification
33 6 NYCRR 208.8 (e): Compliance Certification
34 6 NYCRR 208.8 (f): Compliance Certification
35 6 NYCRR 208.9 (b): Compliance Certification
36 6 NYCRR 208.9 (c): Compliance Certification
37 6 NYCRR 211.1: Air pollution prohibited
38 6 NYCRR 227-1.3 (a): Compliance Certification
39 40CFR 60.4243(b)(2)(ii), NSPS Subpart JJJJ: Compliance Certification
40 40CFR 60.4244, NSPS Subpart JJJJ: Compliance Certification
41 40CFR 60.4244, NSPS Subpart JJJJ: Compliance Certification
42 40CFR 60.4245(a), NSPS Subpart JJJJ: Compliance Certification

43 40CFR 60.4245(c), NSPS Subpart JJJJ: Compliance Certification
44 40CFR 60.4246, NSPS Subpart JJJJ: Subpart A provisions that apply to facilities subject to Subpart JJJJ
45 40CFR 63.1955(b), Subpart AAAA: Compliance Certification
46 40CFR 63.1980(a), Subpart AAAA: Compliance Certification

Emission Unit Level

47 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
48 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=0-U0001

49 6 NYCRR 208.5 (d): System Efficiency

EU=0-U0003

50 6 NYCRR 208.5 (d): System Efficiency

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

51 ECL 19-0301: Contaminant List
52 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
53 6 NYCRR 211.2: Visible Emissions Limited

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 - 6 NYCRR 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 - 6 NYCRR 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 6 NYCRR 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 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 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 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 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 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 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 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 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 201-6.5 (i)**

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

i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.

ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.

iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

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

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

Item L: **Permit Exclusion - ECL 19-0305**

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to

the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

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

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

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

Condition 1: **Acceptable Ambient Air Quality**
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:
Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Condition 2: **Fees**
Effective between the dates of 10/07/2011 and 10/06/2016

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

Item 2.1:
The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0303.

Condition 3: **Recordkeeping and reporting of compliance monitoring**

Effective between the dates of 10/07/2011 and 10/06/2016

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

Item 3.1:
The following information must be included in any required compliance monitoring records and reports:

(i) The date, place, and time of sampling or measurements;

(ii) The date(s) analyses were performed;

(iii)The company or entity that performed the analyses;

(iv) The analytical techniques or methods used including quality assurance and quality control procedures if required;

(v) The results of such analyses including quality assurance data where required; and

(vi) The operating conditions as existing at the time of sampling or measurement.

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

Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.
Effective between the dates of 10/07/2011 and 10/06/2016

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

Item 4.1:
Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

Condition 5: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

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

Item 5.1:
The Compliance Certification activity will be performed for the Facility.

Item 5.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

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

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

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

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

(2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.

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

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

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal

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

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

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

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

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring

condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

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

Item 6.1:
The Compliance Certification activity will be performed for the Facility.

Item 6.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

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

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

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

iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

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

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

The address for the RAPCE is as follows:

21 South Putt Corners Road
New Paltz, NY 12561-1696

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 202-2.1

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

Item 7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

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

Condition 8: Recordkeeping requirements
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:
(a) The following records shall be maintained for at least five years:

(1) a copy of each emission statement submitted to the department; and

(2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

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

Condition 9: Open Fires - Prohibitions
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:
Except as allowed by Title 6 NYCRR Section 215.3, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item 9.2
Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:
(a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
(b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
(c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
(d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use,

provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
(e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
(f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
(g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
(h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
(i) Prescribed burns performed according to Part 194 of this Title.
(j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
(k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
(l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

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

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

Condition 10: Maintenance of Equipment
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 200.7

Item 10.1:
Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

Condition 11: Recycling and Salvage
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:
Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 12.1:
No person shall unnecessarily remove, handle or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Condition 13: Exempt Sources - Proof of Eligibility
Effective between the dates of 10/07/2011 and 10/06/2016

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

Item 13.1:
The owner and/or operator of an emission source or unit that is eligible to be exempt may be required to certify that it operates within the specific criteria described in this Subpart. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other State and Federal air pollution control requirements, regulations, or law.

Condition 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 10/07/2011 and 10/06/2016

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

Item 14.1:
The owner and/or operator of an emission source or unit that is listed as being trivial in this Part may be required to certify that it operates within the specific criteria described in this Subpart. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other State and Federal air pollution control requirements, regulations, or law.

Condition 15: Standard Requirement - Provide Information
Effective between the dates of 10/07/2011 and 10/06/2016

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

Item 15.1:
The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

Condition 16: General Condition - Right to Inspect
Effective between the dates of 10/07/2011 and 10/06/2016

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

Item 16.1:
The department or an authorized representative shall be allowed upon presentation of credentials and other documents as may be required by law to:

(i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

(ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

(iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and

(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 17: Standard Requirements - Progress Reports
Effective between the dates of 10/07/2011 and 10/06/2016

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

Item 17.1:
Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:

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

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met,

and any preventive or corrective measures adopted.

Condition 18: Off Permit Changes
Effective between the dates of 10/07/2011 and 10/06/2016

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

Item 18.1:
No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

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

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

Condition 19: Required Emissions Tests
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 19.1:
For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time.

Condition 20: Accidental release provisions.
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:40 CFR Part 68

Item 20.1:
If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;

b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:

1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,

2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

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

Condition 21: Recycling and Emissions Reduction
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:40CFR 82, Subpart F

Item 21.1:
The permittee shall comply with all applicable provisions of 40 CFR Part 82.

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

Condition 22: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 201-1.1 (b)

Item 22.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0001

Emission Unit: 0-U0003

Item 22.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Ameresco LFG-1 Inc., the owner and operator of the Landfill Gas to Energy sources, is responsible for compliance and primarily liable for non-compliance with

the terms and conditions concerning Emission Units 0-U0001 and 0-U0003 and all requirements of the Environmental Conservation Law and regulations applicable to the process, emission sources and emission points. Ameresco shall be responsible for signing, executing, and/or certifying any permit applications, reports, and/or certification statements required to be submitted pursuant to this permit, the Environmetal Conservation Law and /or applicable regulations with respect to the processes, emissions sources and emission points located at the LFGTE plant.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 23: Emission Unit Definition
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 23.1:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: 0-U0001
Emission Unit Description:
Electric is generated by the operation of three internal combustion engines which utilize landfill gas as fuel.

Building(s): GB 3

Item 23.2:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: 0-U0003
Emission Unit Description:
Operation of an enclosed landfill gas flares to control excess or bypass landfill gas. Operation of an open flare as emergency backup control of landfill gas.

Building(s): FB1

Condition 24: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 201-6.5

Item 24.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0001

Emission Unit: 0-U0003

Item 24.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
Annual combustion of landfill gas is limited to less than 900 million cubic feet. Landfill gas combustion sources, all of which are located at the LFGTE site, include internal combustion engine(s), one enclosed flare and one emergency open flare. Two calibrated meters shall be utilized to measure landfill gas collected. One flow meter shall measure real time (cfm) and cumulative total gas (cf) conveyed to the internal combustion engine(s). The second flow meter shall measure real time (cfm) and cumulative total gas (cf) conveyed to the enclosed flare. The facility shall record and report landfill gas quantity as measured by each meter described above.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: LANDFILL GAS
Upper Permit Limit: 900 million cubic feet
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 12 calendar month(s).

Condition 25: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 25.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0001 Emission Point: 00005
Process: LG1 Emission Source: 00005

Emission Unit: 0-U0001 Emission Point: 00012
Process: LG1 Emission Source: E0012

Emission Unit: 0-U0001 Emission Point: 00013
Process: LG1 Emission Source: E0013

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:

Emission Sources 00005 and E0012

Oxides of Nitrogen (NOx) emissions are limited to less than 2.0 gram per bhp-hr.

Performance testing shall be conducted during the period defined under future Renewal 2 permit. Procedures and methods listed below shall
apply.

****
****
****
****
****

Emission Source E0013

Oxides of Nitrogen (NOx) emissions are limited to less than 2.0 gram per bhp-hr.

Within 60 days after achieving the maximum production rate, but no later than 180 days after initial startup, Ameresco shall conduct initial performance testing for NOx emissions. At least 60 days prior to actual testing, Ameresco shall submit to the NYSDEC a Test Protocol detailing methods and procedures to be used during the performance stack testing. Performance tests Methods are defined by 40CFR 60 - JJJJ Table 2.

NOx emissions rate shall be calculated utilizing equations 1 defined under 40CFR 60.4244(e). Performance test results must be reported to NYSDEC within 60 days after completion of compliance testing.

The following procedures apply.

1. Each performance test must be conducted within 10 percent of 100 percent peak (or the highest achievable) load and according to the requirements in §60.8 and under conditions that are specified by 40CFR 60 - JJJJ Table 2.

2. The performance test(s) shall not be conducted during periods of startup, shutdown, or malfunction, as specified in §60.8(c). If a SI internal combustion engine is

non-operational, startup is not required for the sole purpose of conducting the performance test; however, the performance test must be completed immediately upon startup of the engine.

3. Each performance test must include three separate test runs as specified in §60.8(f). Each test run must be conducted within 10 percent of 100 percent peak (or the highest achievable) load and last at least 1 hour.

Performance testing shall be conducted initially with subsequent testing conducted every 8,760 operational hours or 3 years, whichever comes first.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 2.0 grams per brake horsepower-hour
Reference Test Method: Table 2 to 40CFR 60-JJJJ
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 26: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 208.3 (b) (2) (iii) ('b')

Item 26.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0001 Emission Point: 00012
Process: LG1 Emission Source: E0012

Emission Unit: 0-U0001 Emission Point: 00013
Process: LG1 Emission Source: E0013

Regulated Contaminant(s):
CAS No: 0NY998-20-0 NMOC - LANDFILL USE ONLY

Item 26.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Each new internal combustion engine shall 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 three percent oxygen. The reduction

efficiency or parts per million by volume shall be established by an initial performance test to be completed no later than 180 days after the initial startup. Test methods, referencing 6NYCRR 208.5(d), shall be Method 25C or Method 18 of appendix A of 40 CFR part 60, unless another method to demonstrate compliance has been approved by the department as provided by section 6NYCRR 208.3(b)(2)(i)(b). If Method 18 of appendix A of 40 CFR part 60 is used, the minimum list of compounds to be tested shall be those published in the most recent Compilation of Air Pollutant Emission Factors (AP-42).

A Performance Test protocol must be submitted to the Department at least 90 days prior to scheduling the test. A report documenting results must be submitted to the Department within 60 days of completing the performance test.

Each internal combustion engine shall be operated within the parameter ranges established during the initial performance test.

Upper Permit Limit: 20 parts per million by volume (dry, corrected to 3% oxygen)
Reference Test Method: Method 25C or 18 or otherwise approved by DEC
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 27: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 208.3 (b) (2) (iii) ('b')

Item 27.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0003 Emission Point: 00010
Process: LG3 Emission Source: 00010

Regulated Contaminant(s):
CAS No: 0NY998-20-0 NMOC - LANDFILL USE ONLY

Item 27.2:

Compliance Certification shall include the following monitoring:

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

Excess or bypass gas is routed to an enclosed flare. The flare is rated 68.25 MMBTU/hr. Landfill gas combusted within the flare is subject to control that must either reduce NMOC by 98 percent or reduce outlet NMOC concentration to less than 20 parts per million by volume, dry basis as hexane at 3 percent oxygen.

In June of 2001, a performance test was conducted to determine reduction of NMOC. A test protocol was submitted in April 2001 and accepted by DEC in May of 2001. Results of the performance test are outlined within the June 2001 Final Report which documents compliance.

Consistent with the Performance Test Final Report, the flare must maintain an average combustion temperature of 1503 degrees Fahrenheit or greater during all 3-hour periods of operation. The enclosed flare shall be equipped with a continous temperature recording device capable of taken measurements at least every 15 minutes and having a minimum accuracy of +/- 1% of the temperature being measured. A device that records total flow routed to the enclosed flare (control device) must also be installed, operational, maintained and calibrated.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1503 degrees Fahrenheit
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 3-HOUR BLOCK AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 28: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 208.3 (b) (2) (iii) ('b')

Item 28.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0001 Emission Point: 00005
Process: LG1 Emission Source: 00005

Regulated Contaminant(s):
CAS No: 0NY998-20-0 NMOC - LANDFILL USE ONLY

Item 28.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Landfill gas combusted within the existing combustion engine is subject to control that must either reduce NMOC by 98 percent or reduce outlet NMOC concentration to less than 20 parts per million by volume, dry basis as hexane at 3 percent oxygen.

In October of 2008, a performance test was conducted on the existing Caterpillar G3516 (emission source 00005) to determine reduction of NMOC. A test protocol was submitted in August 2008. Results of the performance test are outlined within the November 2008 Final Report which documents compliance.

Consistent with the Performance Test Final Report, the engine must maintain an average combustion exhaust temperature 862 degrees Fahrenheit or greater during all 3-hour periods of operation. The engine shall be equipped with a continous temperature recording device capable of taken measurements at least every 15 minutes and having a minimum accuracy of +/- 1% of the temperature being measured. A device that records total flow routed to the combustion engine (control device) must also be installed, operational, maintained and calibrated.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 862 degrees Fahrenheit
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 3-HOUR BLOCK AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 29: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 208.4 (e)

Item 29.1:
The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 0-U0001

Emission Unit: 0-U0003

Item 29.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Operate such that all collected gases are vented to a control system designed and operated in compliance with 6 NYCRR Part 208.3(b)(2)(iii). In the event the collection or control system is inoperable, the gas mover system must be shut down and all valves in the collection and control system contributing to venting of the gas to the atmosphere must be closed within one hour. Additional information concerning system operation to comply with this requirement is contained within the seperate Permit Review Report.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 30: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 208.4 (f)

Item 30.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0001

Emission Unit: 0-U0003

Item 30.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Operate the control system at all times when the collected gas is routed to the system.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 31: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 208.5 (d)

Item 31.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0001 Emission Point: 00005
Process: LG1 Emission Source: 00005

Emission Unit: 0-U0003 Emission Point: 00010
Process: LG3 Emission Source: 00010

Regulated Contaminant(s):
CAS No: 0NY998-20-0 NMOC - LANDFILL USE ONLY

Item 31.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Ameresco LFG-1 shall determine compliance with a 20 ppmv outlet concentration by conducting a performance test using Method 25C or Method 18. This requirement applies to the existing enclosed flare and existing internal combustion engine.

A Performance Test protocol must be submitted to the Department at least 90 days prior to scheduling the test. A report documenting results must be submitted to the Department within 60 days of completing the performance test.

Performance testing has been completed. Future performance testing for the existing sources shall be defined by the future Renewal 2 permit.

Upper Permit Limit: 20 parts per million by volume (dry, corrected to 3% oxygen)
Reference Test Method: Method 25C or 18 or otherwise approved by DEC
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 32: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 208.7 (b)

Item 32.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0001
Process: LG1 Emission Source: 00005

Emission Unit: 0-U0001
Process: LG1 Emission Source: E0012

Emission Unit: 0-U0001
Process: LG1 Emission Source: E0013

Emission Unit: 0-U0003
Process: LG3 Emission Source: 00010

Item 32.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The enclosed flare and internal combustion engine(s) shall be equipped with the following devices:

1. A temperature monitoring device with a continuous recorder having a minimum accuracy of +/- 1% of the temperature being measured; and
2. A device that records total flow routed to the control device.

The flow recorder shall be calibrated and maintained and must record gas flow at least every 15 minute

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 33: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 208.8 (e)

Item 33.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0001

Emission Unit: 0-U0003

Item 33.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Submit an equipment removal report to the Department within 30 days prior to removal or cessation of operation of the control equipment. The equipment removal report shall contain:

1. A copy of the final closure plan submitted in accordance with 208.8(d).
2. A copy of the initial performance test report (June 2001) demonstrating that the 15 year minimum control period has expired.
3. Dated copies of three successive NMOC emission rate reports demonstrating that the landfill is no longer producing 50 megagrams orgreater of NMOC per year.

The Department may request such additional information as may be necessary to verify that all of the conditions for removal in 208.3(b)(2)(v) have been met.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 12 calendar month(s).

Condition 34: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 208.8 (f)

Item 34.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0001

Emission Unit: 0-U0003

Item 34.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Semiannual reports must be submitted documenting recorded informationin paragraphs (1) through (3) below.

(1) Value and length of time for exceedance of applicable parameters monitored under 6 NYCRR 208.7(b), and (d).
(2) Description and duration of all periods when the gas stream is diverted from the control device through a bypass line or the indication of bypass flow as specified under 6 NYCRR 208.7.
(3) Description and duration of all periods when the control device was not operating for a period exceeding 1 hour and length of time the control device was not operating.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 35: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 208.9 (b)

Item 35.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0001
Process: LG1 Emission Source: 00005

Emission Unit: 0-U0001
Process: LG1 Emission Source: E0012

Emission Unit: 0-U0001
Process: LG1 Emission Source: E0013

Emission Unit: 0-U0003
Process: LG3 Emission Source: 00010

Regulated Contaminant(s):
CAS No: 0NY998-20-0 NMOC - LANDFILL USE ONLY

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Except as provided in 6 NYCRR Part 208.3(b)(2)(i)('b'), up-to-date, readily accessible records for the life of the control equipment of the data listed below as measured during the initial performance test or compliance determination must be maintained. Records of subsequent tests or monitoring shall be maintained for a minimum of 7 years. Records of the control device vendor specifications shall be maintained until removal.

1) As a source subject to 6 NYCRR Part 208.3(b)(2)(iii) which utilizes an enclosed flare(s) and internal combustion engine(s) to control landfill derived gas:
(i) The average combustion temperature measured at least every 15 minutes and averaged over the same time period of the performance test.
ii) The percent reduction of NMOC determined as specified in clause 3(b)(2)(iii)(b) of this Part achieved by the control device.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 36: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 208.9 (c)

Item 36.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0001	Emission Point: 00005
Process: LG1	Emission Source: 00005
Emission Unit: 0-U0001	Emission Point: 00012
Process: LG1	Emission Source: E0012
Emission Unit: 0-U0001	Emission Point: 00013
Process: LG1	Emission Source: E0013
Emission Unit: 0-U0003	Emission Point: 00010

Process: LG3 Emission Source: 00010

Item 36.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Except as provided in 6 NYCRR Part 208.3(b)(2)(i)('b'), the facility shall keep for 7 years up-to-date, readily accessible continuous records of the equipment operating parameters specified to be monitored in 6 NYCRR Part 208.7 as well as up-to-date, readily accessible records for periods of operation during which the parameter boundaries established during the most recent performance test are exceeded.

The following constitutes exceedances that shall be recorded and reported under subdivision 8(f) of this Part:
i) For the enclosed flare, all 3-hour periods of operation during which the average combustion temperature is less than 1503 degrees Fahrenheit established by the June 2001 performance test.
ii) For the internal combustion engine - 0005, all 3-hour periods of operatioin during which the average combustion temperature is less than 862 degrees Fahrenheit established by the October 2008 performance test.
iii) For the internal combustion engines - E0012 an E0013, all 3-hour periods of operation during which the average combustion temperature is less than the minimum value established during initial performance testing.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 12 calendar month(s).

Condition 37: Air pollution prohibited
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 211.1

Item 37.1:
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.

Condition 38: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

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

Item 38.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0001 Process: LG1	Emission Point: 00005 Emission Source: 00005
Emission Unit: 0-U0001 Process: LG1	Emission Point: 00012 Emission Source: E0012
Emission Unit: 0-U0001 Process: LG1	Emission Point: 00013 Emission Source: E0013
Emission Unit: 0-U0003 Process: LG3	Emission Point: 00010 Emission Source: 00010

Item 38.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
No owner or operator of a combustion installation shall emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

The Department reserves the right to perform or request Ameresco perform future method 9 opacity evaluations.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 39: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:40CFR 60.4243(b)(2)(ii), NSPS Subpart JJJJ

Item 39.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0001 Emission Point: 00013
Process: LG1 Emission Source: E0013

Item 39.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Ameresco, as an owner or operator of stationary SI internal combustion engine(s) greater than 500 HP, must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 12 calendar month(s).

Condition 40: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:40CFR 60.4244, NSPS Subpart JJJJ

Item 40.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0001 Emission Point: 00013
Process: LG1 Emission Source: E0013

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

Item 40.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Carbon Monoxide (CO) emissions are limited to less than 5 gram per HP-hr.

Within 60 days after achieving the maximum production rate, but no later than 180 days after initial startup, Ameresco shall conduct initial performance testing for CO emissions. At least 60 days prior to actual testing, Ameresco shall submit to the NYSDEC a Test Protocol detailing methods and procedures to be used during the performance stack testing. Performance tests Methods are defined by 40CFR 60 - JJJJ Table 2.

CO emissions rate shall be calculated utilizing equations 2 defined under 40CFR 60.4244(e). Performance test results must be reported to NYSDEC within 60 days after completion of compliance testing.

The following procedures apply.

1. Each performance test must be conducted within 10 percent of 100 percent peak (or the highest achievable) load and according to the requirements in §60.8 and under conditions that are specified by 40CFR 60 - JJJJ Table 2.

2. The performance test(s) shall not be conducted during periods of startup, shutdown, or malfunction, as specified in §60.8(c). If a SI internal combustion engine is non-operational, startup is not required for the sole purpose of conducting the performance test; however, the performance test must be completed immediately upon startup of the engine.

3. Each performance test must include three separate test runs as specified in §60.8(f). Each test run must be conducted within 10 percent of 100 percent peak (or the highest achievable) load and last at least 1 hour.

Performance testing shall be conducted initially with subsequent testing conducted every 8,760 operational hours or 3 years, whichever comes first.

Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 5.0 grams per brake horsepower-hour
Reference Test Method: Table 2 to 40CFR 60-JJJJ
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 41: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:40CFR 60.4244, NSPS Subpart JJJJ

Item 41.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0001 Emission Point: 00013
Process: LG1 Emission Source: E0013

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 41.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
VOC emissions are limited to less than 1 gram per HP-hr.

Within 60 days after achieving the maximum production rate, but no later than 180 days after initial startup, Ameresco shall conduct initial performance testing for VOC emissions. At least 60 days prior to actual testing, Ameresco shall submit to the NYSDEC a Test Protocol detailing methods and procedures to be used during the performance stack testing. Performance tests Methods are defined by 40CFR 60 - JJJJ Table 2.

VOC emissions rate shall be calculated utilizing equations 3 or 4 defined under 40CFR 60.4244(f) or (g). Performance test results must be reported to NYSDEC within 60 days after completion of compliance testing.

The following procedures apply.

1. Each performance test must be conducted within 10 percent of 100 percent peak (or the highest achievable) load and according to the requirements in §60.8 and under conditions that are specified by 40CFR 60 - JJJJ Table 2.

2. The performance test(s) shall not be conducted during periods of startup, shutdown, or malfunction, as specified in §60.8(c). If a SI internal combustion engine is non-operational, startup is not required for the sole purpose of conducting the performance test; however, the

performance test must be completed immediately upon startup of the engine.

3. Each performance test must include three separate test runs as specified in §60.8(f). Each test run must be conducted within 10 percent of 100 percent peak (or the highest achievable) load and last at least 1 hour.

Performance testing shall be conducted initially with subsequent testing conducted every 8,760 operational hours or 3 years, whichever comes first.

Parameter Monitored: VOC
Upper Permit Limit: 1.0 grams per brake horsepower-hour
Reference Test Method: Table 2 to 40CFR 60-JJJJ
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 42: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:40CFR 60.4245(a), NSPS Subpart JJJJ

Item 42.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0001	Emission Point: 00013
Process: LG1	Emission Source: E0013

Item 42.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Ameresco shall keep records of the information listed below.

(1) All notifications submitted to comply with this subpart and all documentation supporting any notification.

(2) Maintenance conducted on the engine(s).

(3) Documentation that the engine(s) meet the emission standards.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 12 calendar month(s).

Condition 43: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:40CFR 60.4245(c), NSPS Subpart JJJJ

Item 43.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0001 Emission Point: 00013
Process: LG1 Emission Source: E0013

Item 43.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Ameresco shall submit an initial notification as required in §60.7(a)(1) for stationary SI ICE greater than or equal to 500 HP that have not been certified by an engine manufacturer to meet the emission standards in §60.4231. The notification must include the information listed below.

(1) Name and address of the owner or operator;

(2) The address of the affected source;

(3) Engine information including make, model, engine family, serial number, model year, maximum engine power, and engine displacement;

(4) Emission control equipment; and

(5) Fuel used.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 44: Subpart A provisions that apply to facilities subject to Subpart JJJJ

Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:40CFR 60.4246, NSPS Subpart JJJJ

Item 44.1:
The following provisions of 40 CFR 60 Subpart A apply to this facility: 60.1 through 60.12, 60.14 through 60.17 and 60.19.

Condition 45: Compliance Certification
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:40CFR 63.1955(b), Subpart AAAA

Item 45.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0001

Emission Unit: 0-U0003

Regulated Contaminant(s):
CAS No: 0NY100-00-0 HAP

Item 45.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Because the Al Turi Landfill & LFGTE facility is required to install a collection and control system under 6 NYCRR Part 208, the facility must comply with the requirements in §§63.1960 through 63.1985 and with the general provisions of part 63 as specified in table 1 of Subpart AAAA.

The facility shall develop and implement a written startup, shutdown, and malfunction (SSM) plan that describes, in detail, procedures for operating and maintaining the source during periods of startup, shutdown, and malfunction; a program of corrective action for malfunctioning process; and air pollution control and monitoring equipment used to comply with this standard.

This plan must be developed by January 16, 2004 and must comply with all of the requirements listed in §63.6(e)(3)(ii)-(ix) which includes the following provisions:

- During periods of startup, shutdown, and malfunction,

the facility must operate and maintain the affected source in accordance with the procedures specified in the SSM plan.

- When actions taken by the owner/operator during a startup, shutdown, or malfunction are consistent with the procedures specified in the affected source's SSM plan, the owner/operator must keep records for that event which demonstrate that the procedures specified in the plan were followed. In addition, the owner/operator must keep records of these events as specified in §63.10(b), including records of operation and each malfunction of the air pollution control and monitoring equipment. Furthermore, the owner/operator shall confirm that actions taken during the startup, shutdown, and malfunction were consistent with the SSM plan in the semiannual report as required in §63.10(d)(5).

- If an action taken by the facility is not consistent with the SSM plan, and the affected source exceeds the relevant emission standard, then the owner/operator must record the actions taken for that event and must report such actions within 2 working days after commencing actions inconsistent with the SSM plan, followed by a letter within 7 working days after the end of the event.

- EPA or NYSDEC may at any time request in writing that the facility submit a copy of the SSM plan (or a portion thereof) which is maintained at the affected source. Upon receipt of such a request, the facility must promptly submit a copy of the requested plan to EPA or NYSDEC. EPA or NYSDEC must request that the facility submit a SSM plan whenever a member of the public submits a specific and reasonable request to examine or to receive a copy of that plan or portion of a plan. If the facility claims that any portion of such a SSM plan is confidential business information entitled to protection from disclosure under section 114(c) of the Act or 40CFR2.301, the material which is claimed as confidential must be clearly designated in the submission.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

Condition 46: Compliance Certification

Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:40CFR 63.1980(a), Subpart AAAA

Item 46.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 0-U0001

Emission Unit: 0-U0003

Item 46.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Semiannual reports of the recorded information in paragraphs (1) through (3) below must be submitted.

(1) Value and length of time for exceedance of applicable parameters monitored under 6 NYCRR 208.7(b), and (d).

(2) Description and duration of all periods when the gas stream is diverted from the control device through a bypass line or the indication of bypass flow as specified under 6 NYCRR 208.7.

(3) Description and duration of all periods when the control device was not operating for a period exceeding 1 hour and length of time the control device was not operating.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2012.
Subsequent reports are due every 6 calendar month(s).

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

Condition 47: Emission Point Definition By Emission Unit
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 47.1:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 0-U0001

Emission Point: 00005
Height (ft.): 14 Diameter (in.): 12
NYTMN (km.): 4583.902 NYTME (km.): 551.956 Building: GB 3

Emission Point: 00012
Height (ft.): 30 Diameter (in.): 14
NYTMN (km.): 4583.964 NYTME (km.): 551.997 Building: GB 3

Emission Point: 00013
Height (ft.): 30 Diameter (in.): 14
NYTMN (km.): 4583.964 NYTME (km.): 551.997 Building: GB 3

Item 47.2:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: 0-U0003

Emission Point: 00010
Height (ft.): 40 Diameter (in.): 138
NYTMN (km.): 4583.909 NYTME (km.): 551.903 Building: FB1

Emission Point: 00011
Height (ft.): 40 Diameter (in.): 12
NYTMN (km.): 4583.896 NYTME (km.): 551.953 Building: FB1

Condition 48: Process Definition By Emission Unit
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 48.1:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 0-U0001
Process: LG1 Source Classification Code: 2-01-002-02
Process Description:
Landfill Gas is used as fuel to operate the internal combustion engine(s) to generate electricity.

Emission Source/Control: 00005 - Combustion
Design Capacity: 800 kilowatts

Emission Source/Control: E0012 - Combustion
Design Capacity: 800 kilowatts

Emission Source/Control: E0013 - Combustion
Design Capacity: 800 kilowatts

Item 48.2:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: 0-U0003
Process: LG3 Source Classification Code: 3-90-007-97
Process Description:
Excess or bypass gas is controlled by the operation of landfill gas flare(s).

Emission Source/Control: 00010 - Process
Design Capacity: 68.3 million BTUs per hour

Condition 49: System Efficiency
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 208.5 (d)

Item 49.1:
This Condition applies to Emission Unit: 0-U0001

Item 49.2:
For the performance test required in 6 NYCRR Part 208.3(b)(2)(iii)('b'), Method 25C, 25 or Method 18 of Appendix A of 40 CFR 60 shall be used to determine compliance with the 98% weight efficiency or the 20 ppmv outlet concentration level. The following equation shall be used to calculate efficiency:

$$\text{Control Efficiency} = \frac{\text{NMOCin - NMOCout}}{\text{NMOCin}}$$

Condition 50: System Efficiency
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable Federal Requirement:6 NYCRR 208.5 (d)

Item 50.1:
This Condition applies to Emission Unit: 0-U0003

Item 50.2:
For the performance test required in 6 NYCRR Part 208.3(b)(2)(iii)('b'), Method 25C, 25 or Method 18 of Appendix A of 40 CFR 60 shall be used to determine compliance with the 98% weight efficiency or the 20 ppmv outlet concentration level. The following equation shall be used to calculate efficiency:

$$\text{Control Efficiency} = \frac{\text{NMOCin - NMOCout}}{\text{NMOCin}}$$

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 51: Contaminant List
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable State Requirement:ECL 19-0301

Item 51.1:
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: 0NY100-00-0
Name: HAP

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

CAS No: 0NY998-00-0
Name: VOC

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

Condition 52: Unavoidable noncompliance and violations
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable State Requirement:6 NYCRR 201-1.4

Item 52.1:
At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

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

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

(c) The Department may also require the owner and/or operator to include in reports

described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

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

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

Condition 53: Visible Emissions Limited
Effective between the dates of 10/07/2011 and 10/06/2016

Applicable State Requirement:6 NYCRR 211.2

Item 53.1:
Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.