



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 6-3024-00009/00007
Effective Date:

Expiration Date:

Permit Issued To: ONEIDA-HERKIMER SOLID WASTE AUTHORITY
1600 GENESEE ST
UTICA, NY 13502

Contact: WILLIAM RABBIA
ONEIDA-HERKIMER SOLID WASTE AUTHORITY
1600 GENESEE ST
UTICA, NY 13502
(315) 733-1224

Facility: AVA LANDFILL
7044 ST RTE 294
AVA, NY 13309

Contact: WILLIAM RABBIA
ONEIDA-HERKIMER SOLID WASTE AUTHORITY
1600 GENESEE ST
UTICA, NY 13502
(315) 733-1224

Description:
Application for renewal of Title V permit. Application also proposes the addition of an emission point to emission unit 1-LFGAS to add an active gas collection and control system with a flare control device.

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: LAWRENCE R AMBEAU
NYSDEC - STATE OFFICE BLDG
317 WASHINGTON ST
WATERTOWN, NY 13601

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

Facility Level

Submission of application for permit modification or renewal-REGION 6
HEADQUARTERS



DEC GENERAL CONDITIONS

**** General Provisions ****

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

Applicable State Requirement: ECL 3-0301.2(m)

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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



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

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 6 HEADQUARTERS

Applicable State Requirement: 6NYCRR 621.6(a)

Item 5.1:

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

NYSDEC Regional Permit Administrator
Region 6 Headquarters
Division of Environmental Permits
State Office Building, 317 Washington Street
Watertown, NY 13601-3787
(315) 785-2245



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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Permit Issued To: ONEIDA-HERKIMER SOLID WASTE AUTHORITY
1600 GENESEE ST
UTICA, NY 13502

Facility: AVA LANDFILL
7044 ST RTE 294
AVA, NY 13309

Authorized Activity By Standard Industrial Classification Code:
4953 - REFUSE SYSTEMS

Permit Effective Date:

Permit Expiration Date:



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6NYCRR 201-6.5(a)(7): Fees
- 3 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
- 4 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
- 6 6NYCRR 201-6.5(e): Compliance Certification
- 7 6NYCRR 202-2.1: Compliance Certification
- 8 6NYCRR 202-2.5: Recordkeeping requirements
- 9 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 10 6NYCRR 200.7: Maintenance of Equipment
- 11 6NYCRR 201-1.7: Recycling and Salvage
- 12 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 14 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 15 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
- 16 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
- 17 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
- 18 6NYCRR 201-6.5(f)(6): Off Permit Changes
- 19 6NYCRR 202-1.1: Required Emissions Tests
- 20 6NYCRR 211.3: Visible Emissions Limited
- 21 40CFR 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6NYCRR 201-6: Emission Unit Definition
- 24 6NYCRR 201-6.5(f): Compliance Certification
- 25 6NYCRR 201-6.5(g): Non Applicable requirements
- 26 6NYCRR 201-7: Facility Permissible Emissions
- *27 6NYCRR 201-7: Capping Monitoring Condition
- 28 40CFR 60.754(a)(1), NSPS Subpart WWW: Calculation of Non-Methane Organic Carbon (NMOC) Emissions
- 29 40CFR 60.754(a)(2), NSPS Subpart WWW: NMOC Calculation - Tier 1
- 30 40CFR 60.754(a)(3), NSPS Subpart WWW: NMOC Calculation - Tier 2
- 31 40CFR 60.754(a)(4), NSPS Subpart WWW: NMOC Calculation - Tier 3
- 32 40CFR 60.754(a)(5), NSPS Subpart WWW: NMOC Calculation - Alternative Methods
- 33 40CFR 61.154, NESHAP Subpart M: Asbestos-containing waste material standard for active waste disposal sites

Emission Unit Level

- 34 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 35 6NYCRR 201-6: Process Definition By Emission Unit

EU=1-LFGAS

- 36 6NYCRR 212.4(a): Compliance Certification
- 37 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 38 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 39 40CFR 60.7(c), NSPS Subpart A: Compliance Certification



- 40 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
- 41 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 42 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 43 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 44 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 45 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 46 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 47 40CFR 60.9, NSPS Subpart A: Availability of information.
- 48 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and Maintenance Requirements
- 49 40CFR 60.12, NSPS Subpart A: Circumvention.
- 50 40CFR 60.14, NSPS Subpart A: Modifications.
- 51 40CFR 60.752(b)(1), NSPS Subpart WWW: Compliance Certification
- 52 40CFR 60.757(b), NSPS Subpart WWW: Compliance Certification

EU=1-LFGAS,Proc=FLR

- 53 6NYCRR 212.4(c): Compliance Certification
- 54 6NYCRR 212.6(a): Compliance Certification
- 55 6NYCRR 212.6(a): Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 56 ECL 19-0301: Contaminant List
- 57 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 58 6NYCRR 211.2: Air pollution prohibited
- 59 6NYCRR 217-3.2: Idling of Diesel Trucks Limited
- 60 6NYCRR 217-3.3: Exceptions

Emission Unit Level

EU=1-LFGAS,Proc=FLR

- 61 6NYCRR 212.4(a): Compliance Demonstration

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

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

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

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

(1) An emergency occurred and that the facility owner and/or

operator can identify the cause(s) of the emergency;

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

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

(4) The facility owner and/or operator notified the Department

within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

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

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



- Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 201-6.3(a)(4)**
Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.
- Item D: Certification by a Responsible Official - 6 NYCRR Part 201-6.3(d)(12)**
Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- Item E: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(a)(2)**
The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.
- Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(a)(3)**
This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.
- Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR Part 201-6.5(a)(5)**
It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.
- Item H: Property Rights - 6 NYCRR Part 201-6.5(a)(6)**
This permit does not convey any property rights of any sort or any exclusive privilege.
- Item I: Severability - 6 NYCRR Part 201-6.5(a)(9)**



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

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

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

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

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

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

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the



effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.

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

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

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

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

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

Item L: Permit Exclusion - ECL 19-0305

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



(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 for entire length of Permit

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

Item 4.1:

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

Condition 5: Compliance Certification

Effective for entire length of Permit

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

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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



official for this facility.

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

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

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

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

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

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



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.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

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

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:

State Office Building
317 Washington Street
Watertown, NY 13601-3787

The address for the BQA is as follows:

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

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

Condition 7: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 202-2.1

Item 7.1:

The Compliance Certification activity will be performed for the Facility.

Item 7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air Resources, Bureau of Air Quality Planning, 625 Broadway, Albany NY 12233-3251

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

Condition 8: Recordkeeping requirements
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 202-2.5



Item 8.1:

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

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

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

**Condition 9: Open Fires Prohibited at Industrial and Commercial Sites
Effective for entire length of Permit**

Applicable Federal Requirement:6NYCRR 215

Item 9.1:

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

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

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period.

[NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]

**Condition 10: Maintenance of Equipment
Effective for entire length of Permit**

Applicable Federal Requirement:6NYCRR 200.7

Item 10.1:

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

**Condition 11: Recycling and Salvage
Effective for entire length of Permit**

Applicable Federal Requirement:6NYCRR 201-1.7

Item 11.1:

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



ECL.

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 201-1.8

Item 12.1:

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

Condition 13: Exempt Sources - Proof of Eligibility
Effective for entire length of Permit

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

Item 13.1:

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

Condition 14: Trivial Sources - Proof of Eligibility
Effective for entire length of Permit

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

Item 14.1:

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

Condition 15: Standard Requirement - Provide Information
Effective for entire length of Permit

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

Item 15.1:

The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records



required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

Condition 16: General Condition - Right to Inspect
Effective for entire length of Permit

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

Item 16.1:

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

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

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

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

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

Condition 17: Standard Requirements - Progress Reports
Effective for entire length of Permit

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

Item 17.1:

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

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

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

Condition 18: Off Permit Changes
Effective for entire length of Permit

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

Item 18.1:

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made



without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

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

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

Condition 19: Required Emissions Tests
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 202-1.1

Item 19.1:

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

Condition 20: Visible Emissions Limited
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 211.3

Item 20.1:

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

Condition 21: Accidental release provisions.
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 68

Item 21.1:

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

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

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



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

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

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

Condition 22: Recycling and Emissions Reduction
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 82, Subpart F

Item 22.1:

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

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

Condition 23: Emission Unit Definition
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 201-6

Item 23.1:

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

Emission Unit: 1-LFGAS

Emission Unit Description:

This unit consists of the landfilled wastes generating landfill gas by decomposition. All landfilled wastes must meet the requirements for acceptable wastes as specified in 6 NYCRR Part 360 and 40 CFR Part 258. The landfill has an estimated design capacity of 28,519,227 cubic yards.

This emission unit consists of up to 24 passive landfill gas and one proposed active candlestick flare and associated collection and control system for the purpose of collecting and destroying methane to control odors, reduce greenhouse gas emissions, and ensure acceptable air quality. Landfill gas is also vented as fugitive emissions.

Item 23.2:

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



Emission Unit: 2-VHCPM

Emission Unit Description:

This unit consists of the vehicular movement within the landfill site, including waste haul trucks, maintenance, and personal vehicles on paved and unpaved portions of the road. The unit also includes the placement of waste within the landfill by heavy construction vehicles, and the hauling and compaction of cover soils over the filled waste. This emission unit will not include any defined emission points.

Item 23.3:

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

Emission Unit: 3-LCHST

Emission Unit Description:

This unit consists of the landfill leachate storage tanks. For this permit term this unit will consist of two 1.3 million gallon glass lined covered storage tanks.

Condition 24: Compliance Certification
Effective for entire length of Permit

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

Item 24.1:

The Compliance Certification activity will be performed for the Facility.

Item 24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operational Flexibility Plan

I. Protocol Objective

The objective of this condition is to maximize operational flexibility at the facility by building into the Title V permit the capability to make certain changes using a protocol. As provided under 6 NYCRR Part 201-6.5(f)(2), changes made under an approved protocol are not subject to the Title V permit modification provisions under 6 NYCRR Part 201-6.7.

II. Protocol

A. Criteria

1. Changes reviewed under this protocol shall be evaluated in accordance with the following criteria:

a. All underlying federal and state requirements with which the new or changed emission source must comply must



exist in the Title V permit. Existing permit conditions may be amended to reference or include the new or changed emission source and any related information, and/or subject to DEC approval, new conditions proposed, to provide the appropriate monitoring parameters.

b. Any new or changed emission source shall not be part of a source project that results in a significant net emissions increase that exceeds the New Source Review (NSR) thresholds identified in 6 NYCRR Part 231-2 or 40 CFR 52.21.

c. The facility shall not use the protocol to make physical changes or changes in the method of operation of existing emissions sources that would require a new or modified federally enforceable cap either to avoid major NSR requirements or to address and comply with other Clean Air Act requirements, such as RACT. Such changes must be addressed via the significant permit modification provisions.

B. Notification Requirements for Changes Reviewed under the Protocol

1. The facility shall notify the Department in writing of the proposed change.

2. Notifications made in accordance with this protocol will include the following documentation:

a. Identification of the Title V permit emission unit, process(es), emission sources and emission points affected by the proposed change with applicable revisions to the Emission Unit structure;

b. Description of the proposed change, including operating parameters;

c. Identification and description of emissions control technology;

d. Documentation of the project's, or emission source's, compliance with respect to all state and/or federally applicable requirements, including the following steps:

i. Calculate the emission rate potential and maximum projected actual annual emission rates for all contaminants affected by the change.

ii. Submit documentation of major NSR program non-applicability for NYSDEC review and approval.



iii. Identify and evaluate the applicability of all regulations likely to be triggered by the new or changed emission source.

iv. Propose any operating and record keeping procedures necessary to ensure compliance.

e. Any other relevant information used for the evaluation of the proposed project or emission source under the Protocol.

C. Review and Approval of Changes

1. The Department shall respond to the permittee in writing with a determination within 15 days of receipt of the notification of the permittee.

2. The Department may require a permit modification, in order to impose new applicable requirements or additional permit conditions if it determines that changes proposed pursuant to notification do not meet the criteria under II. A above or that the changes may have a significant air quality impact or be otherwise potentially significant under SEQRA (6 NYCRR Part 617).

3. The Department may require that the permittee not undertake the proposed change until it completes a more detailed review of the proposed change, which may include potential air quality impacts and/or applicable requirements. The Department's determination shall include a listing of information required for further review, if necessary.

D. Additional Compliance Obligations for Changes Made Under this Protocol

1. Upon commencement of the change, the facility shall comply with all applicable requirements and permit conditions, including any amended or proposed in accordance with II.A.1.a above.

2. The facility shall provide with the semi-annual monitoring report, a summary of the changes made in accordance with this protocol and a statement of the compliance status of each. Changes reported should include all those made during the corresponding period and any earlier changes that have not yet been incorporated into the permit.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 25: Non Applicable requirements
Effective for entire length of Permit**

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

Item 25.1:

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

40CFR 60-A.18(c)

Emission Unit: 1LFGAS Process: FLR

Reason: The provisions of 40 CFR 60 Subpart WWW, Standards of Performance for Municipal Solid Waste Landfills, that apply to the design, installation, operation, monitoring, record keeping, reporting, and compliance certification of a landfill gas collection and control system do not apply to this facility at this time. Such provisions will apply to this facility when the calculated non-methane organic compound (NMOC) emission rate equals or exceeds 50 megagrams per year. The NMOC emission rate is calculated annually per the requirements of 40 CFR 60.752(b)(1) that are contained as a condition of this permit. Since the provisions outlined above do not apply at this time none of the general provisions pertaining to the operation of flares contained in 40 CFR 60 Subpart A apply at this time either.

40CFR 60-A.18(d)

Emission Unit: 1LFGAS Process: FLR

Reason: Same reason as above for 40 CFR 60-A.18(c).

40CFR 60-A.18(e)

Emission Unit: 1LFGAS Process: FLR

Reason: Same reason as above for 40 CFR 60-A.18(c).

40CFR 60-A.18(f)

Emission Unit: 1LFGAS Process: FLR

Reason: Same reason as above for 40 CFR 60-A.18(c).

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

Emission Unit: 1LFGAS

Reason: The provisions of 40 CFR 60 Subpart WWW, Standards of Performance for Municipal Solid Waste Landfills, that apply to the design, installation, operation, monitoring, record keeping, reporting, and compliance certification of a landfill gas collection and control system do not apply



to this facility at this time. Such provisions will apply to this facility when the calculated non-methane organic compound (NMOC) emission rate equals or exceeds 50 megagrams per year. The NMOC emission rate is calculated annually per the requirements of 40 CFR 60.752(b)(1) that are contained as a condition of this permit.

40CFR 60-WWW.753(a)

Emission Unit: 1LFGAS

Reason: Same reason as above for 40 CFR 60-WWW.752(b)(2).

40CFR 60-WWW.753(b)

Emission Unit: 1LFGAS

Reason: Same reason as above for 40 CFR 60-WWW.752(b)(2).

40CFR 60-WWW.753(c)

Emission Unit: 1LFGAS

Reason: Same reason as above for 40 CFR 60-WWW.752(b)(2).

40CFR 60-WWW.753(d)

Emission Unit: 1LFGAS

Reason: Same reason as above for 40 CFR 60-WWW.752(b)(2).

40CFR 60-WWW.753(e)

Emission Unit: 1LFGAS

Reason: Same reason as above for 40 CFR 60-WWW.752(b)(2).

40CFR 60-WWW.753(f)

Emission Unit: 1LFGAS

Reason: Same reason as above for 40 CFR 60-WWW.752(b)(2).

40CFR 60-WWW.753(g)

Emission Unit: 1LFGAS

Reason: Same reason as above for 40 CFR 60-WWW.752(b)(2).

40CFR 60-WWW.754(d)

Emission Unit: 1LFGAS

Reason: Same reason as above for 40 CFR 60-WWW.752(b)(2).

40CFR 60-WWW.755(a)

Emission Unit: 1LFGAS

Reason: Same reason as above for 40 CFR 60-WWW.752(b)(2).

40CFR 60-WWW.755(b)



Emission Unit: 1LFGAS
Reason: Same reason as above for 40 CFR
60-WWW.752(b)(2).

40CFR 60-WWW.755(c)
Emission Unit: 1LFGAS
Reason: Same reason as above for 40 CFR
60-WWW.752(b)(2).

40CFR 60-WWW.755(d)
Emission Unit: 1LFGAS
Reason: Same reason as above for 40 CFR
60-WWW.752(b)(2).

40CFR 60-WWW.755(e)
Emission Unit: 1LFGAS
Reason: Same reason as above for 40 CFR
60-WWW.752(b)(2).

40CFR 60-WWW.756(a)
Emission Unit: 1LFGAS
Reason: Same reason as above for 40 CFR
60-WWW.752(b)(2).

40CFR 60-WWW.756(c)
Emission Unit: 1LFGAS
Reason: Same reason as above for 40 CFR
60-WWW.752(b)(2).

40CFR 60-WWW.756(d)
Emission Unit: 1LFGAS
Reason: Same reason as above for 40 CFR
60-WWW.752(b)(2).

40CFR 60-WWW.756(e)
Emission Unit: 1LFGAS
Reason: Same reason as above for 40 CFR
60-WWW.752(b)(2).

40CFR 60-WWW.757(a)
Emission Unit: 1LFGAS
Reason: Same reason as above for 40 CFR
60-WWW.752(b)(2).

40CFR 60-WWW.757(f)
Emission Unit: 1LFGAS
Reason: Same reason as above for 40 CFR
60-WWW.752(b)(2).

40CFR 60-WWW.757(g)
Emission Unit: 1LFGAS
Reason: Same reason as above for 40 CFR
60-WWW.752(b)(2).



40CFR 60-WWW.758(a)
Emission Unit: 1LFGAS
Reason: Same reason as above for 40 CFR
60-WWW.752(b)(2).

40CFR 60-WWW.758(b)
Emission Unit: 1LFGAS
Reason: Same reason as above for 40 CFR
60-WWW.752(b)(2).

40CFR 60-WWW.758(c)
Emission Unit: 1LFGAS
Reason: Same reason as above for 40 CFR
60-WWW.752(b)(2).

40CFR 60-WWW.758(d)
Emission Unit: 1LFGAS
Reason: Same reason as above for 40 CFR
60-WWW.752(b)(2).

40CFR 60-WWW.758(e)
Emission Unit: 1LFGAS
Reason: Same reason as above for 40 CFR
60-WWW.752(b)(2).

40CFR 60-WWW.759(a)
Emission Unit: 1LFGAS
Reason: Same reason as above for 40 CFR
60-WWW.752(b)(2).

40CFR 60-WWW.759(b)
Emission Unit: 1LFGAS
Reason: Same reason as above for 40 CFR
60-WWW.752(b)(2).

40CFR 60-WWW.759(c)
Emission Unit: 1LFGAS
Reason: Same reason as above for 40 CFR
60-WWW.752(b)(2).

40CFR 63-A.6(e)(3)
Emission Unit: 1LFGAS
Reason: The provisions of 40 CFR 60 Subpart WWW, Standards of Performance for Municipal Solid Waste Landfills, that apply to the design, installation, operation, monitoring, record keeping, reporting, and compliance certification of a landfill gas collection and control system do not apply to this facility at this time. Such provisions will apply to this facility when the calculated non-methane organic compound (NMOC) emission rate equals or exceeds 50 megagrams per year. The NMOC emission rate is calculated annually per the requirements of 40 CFR 60.752(b)(1) that



are contained as a condition of this permit. Since the provisions outlined above do not apply at this time none of the NESHAP requirements for Municipal Solid Waste Landfills contained in 40 CFR 63 Subpart AAAA apply at this time either.

40CFR 63-AAAA.1955(b)

Emission Unit: 1LFGAS

Reason: Same reason as above for 40 CFR 63-AAAA.6(e)(3).

40CFR 63-AAAA.1980(a)

Emission Unit: 1LFGAS

Reason: Same reason as above for 40 CFR 63-AAAA.6(e)(3).

**Condition 26: Facility Permissible Emissions
Effective for entire length of Permit**

Applicable Federal Requirement:6NYCRR 201-7

Item 26.1:

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

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

PTE: 99,000 pounds per year

**Condition 27: Capping Monitoring Condition
Effective for entire length of Permit**

Applicable Federal Requirement:6NYCRR 201-7

Item 27.1:

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

6NYCRR 231-2

Item 27.2:

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

Item 27.3:

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



other state and federal air pollution control requirements, regulations or law.

Item 27.4:

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

Item 27.5:

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

Item 27.6:

The Compliance Certification activity will be performed for the Facility.

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

Item 27.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Facility emissions of Volatile Organic Compound (VOC) shall be less than 49.5 tons during any 12 month period. Prior to having a landfill gas collection and control system in operation, owner shall limit waste placement at the landfill to 312,000 tons of biodegradable waste during any 12 month period. The tonnage of waste that is sufficiently documented to meet the definition of nondegradable does not have to be included in demonstrating compliance with this waste limit. For the purposes of this permit "nondegradable waste" shall include the following wastes: incinerator ash, concrete, brick, stone, glass, plaster, wallboard, piping, plastics, metal objects, and any other material determined to be nondegradable by NYSDEC.

Owner shall perform the following calculations and keep records of such calculations to demonstrate compliance with this VOC emission limit. The facility VOC emissions shall be calculated as the summation of landfill emissions and emissions from all other facility sources. The landfill non-methane organic compound (NMOC) emissions shall be calculated by the EPA LandGEM using the following parameters: Lo = 100 cubic meters/Mg, k = 0.04/year, NMOC = (most recent Tier 2 test) ppmv, as hexane, and the actual waste placement amounts. Owner may utilize site



specific parameters for NMOC concentration and methane generation constant, k, if determined based on testing conducted in accordance with condition 30 and/or 31, and approved by NYSDEC (delegated authority). Owner may request modification or deletion of the waste placement limit, contained above, based on the submittal of these site specific parameters along with supporting data and calculations.

Using the landfill NMOC emissions calculated above, the VOC emissions shall be calculated as follows: VOC = 0.39*NMOC. VOC emissions from all other sources shall be calculated using the appropriate emission factors from the most recent Compilation of Air Pollutant Emission Factors (AP-42).

In addition the date of first waste placement shall be reported to NYSDEC Region 6 and EPA Region 2.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: WASTE MATERIAL
Upper Permit Limit: 312000 tons per year
Monitoring Frequency: PER DELIVERY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 12 calendar month(s).

Condition 28: Calculation of Non-Methane Organic Carbon (NMOC) Emissions Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.754(a)(1), NSPS Subpart

WWW

Item 28.1:

The landfill owner or operator shall calculate the NMOC emission rate using the equation provided below. The values to be used in the equation are 0.05 per year for k, 170 cubic meters per megagram for Lo and 4,000 parts per million by volume as hexane for CNMOC.

i) The following equation shall be used:

$$MNMOC = S \sum kLoMi(e^{-kti})(CNMOC)(3.6 \times 10^{-9})$$

where,

MNMOC = Total NMOC emission rate from the landfill,
megagrams per year

k = methane generation rate constant, year⁻¹

Lo = methane generation potential, cubic meters per megagram
solid waste

Mi = mass of solid waste in the ith section, megagrams

ti = age of the ith section, years

CNMOC = concentration of NMOC, parts per million by volume as



hexane

3.6×10^{-9} = conversion factor.

The mass of the nondegradable waste may be subtracted from the total mass of solid waste in a particular section of the landfill when calculating the value for M_i if the documentation provisions of 40 CFR Part 60.758(d)(2) are followed.

**Condition 29: NMOC Calculation - Tier 1
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.754(a)(2), NSPS Subpart

WWW

Item 29.1:

This Condition applies to:

Emission Unit: 1LFGAS

Item 29.2:

The owner or operator shall compare the calculated NMOC mass emission rate to the standard of 50 megagrams per year.

1) If the NMOC mass emission rate calculated in 40 CFR Part 60.754(a)(1) is less than 50 megagrams per year, then the landfill owner shall submit a mass emission rate report as provided in 40 CFR Part 60.757(b)(1), and shall recalculate the NMOC mass emission rate annually as required under 40 CFR Part 60.752(b)(1).

2) If the calculated NMOC mass emission rate is equal to or greater than 50 megagrams per year, then the landfill owner shall either comply with 40 CFR Part 60.752(b)(2), or determine the site-specific NMOC concentration and recalculate the NMOC mass emission rate using the procedures provided in 40 CFR Part 60.754(a)(3).

**Condition 30: NMOC Calculation - Tier 2
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.754(a)(3), NSPS Subpart

WWW

Item 30.1:

This Condition applies to:

Emission Unit: 1LFGAS

Item 30.2:

The landfill owner or operator shall determine the NMOC concentration using the following sampling procedure. The landfill owner or operator shall install at least two sample probes per hectare of landfill surface that has retained waste for at least 2 years. If the landfill is larger than 25 hectares in area, only 50 samples are required. The sample probes should be located to avoid known areas of nondegradable solid waste. The owner or operator shall collect and analyze one sample of landfill gas from each probe to determine the NMOC concentration using either, Method 25 or 25C of 40 CFR Part 60 Appendix A. Method 18 of Appendix A may



be used to analyze the samples collected by the Method 25 or 25C sampling procedure. Taking composite samples from different probes into a single cylinder is allowed; however, equal sample volumes must be taken from each probe. For each composite, the sampling rate, collection times, beginning and ending cylinder vacuums, or alternative volume measurements must be recorded to verify that composite volumes are equal. Composite sample volumes should not be less than one liter unless evidence can be provided to substantiate the accuracy of smaller volumes. Terminate compositing before the cylinder approaches ambient pressure where measurement

accuracy diminishes. If using Method 18, the owner or operator must identify all compounds in the sample and, as a minimum, test for those compounds published in the most recent Compilation of Air Pollutant Emission Factors (AP-42), minus carbon monoxide, hydrogen sulfide, and mercury. As a minimum, the instrument must be calibrated for each of the compounds on the list. Convert the concentration of each Method 18 compound to CNMOC as hexane by multiplying by the ratio of its carbon atoms divided by six. If more than the required number of samples are taken, all samples must be used in the analysis. The landfill owner or operator must divide the NMOC concentration from Method 25 or 25C of Appendix A of this part by six to convert from CNMOC as carbon to CNMOC as hexane. If the landfill has an active or passive gas removal system in place, Method 25 or 25C samples may be collected from these systems instead of surface probes provided the removal system can be shown to provide sampling as representative as the two sampling probe per hectare requirement. For active collection systems, samples may be collected from the common header pipe before the gas moving or condensate removal equipment. For these systems, a minimum of three samples must be collected from the header pipe.

1) The landfill owner or operator shall recalculate the NMOC mass emission rate using the equations provided in 40 CFR Part 60.754(a)(1)(i) or (ii) and using the average NMOC concentration from the collected samples instead of the default value in the equation provided in 40 CFR Part 60.754(a)(1).

2) If the resulting mass emission rate calculated using the site-specific NMOC concentration is equal to or greater than 50 megagrams per year, then the landfill owner or operator shall either comply with 40 CFR Part 60.752(b)(2), or determine the site-specific methane gas generation rate constant and recalculate the NMOC emission rate using the site-specific methane generation rate using the procedure specified in 40 CFR Part 60.754(a)(4).

3) If the resulting NMOC mass emission rate is less than 50 megagrams per year, the owner or operator shall submit a periodic estimate of the emission rate report as provided in 40 CFR Part 60.757(b)(1) and retest the site-specific NMOC concentration every 5 years using the methods specified in this condition.

Condition 31: NMOC Calculation - Tier 3
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.754(a)(4), NSPS Subpart

WWW

Item 31.1:

This Condition applies to:

Emission Unit: 1LFGAS



Item 31.2:

The site-specific methane generation rate constant shall be determined using the procedures provided in Method 2E of 40 CFR Part 60 Appendix A. The landfill owner or operator shall estimate the NMOC mass emission rate using equation in 40 CFR Part 60.754(a)(1)(i) and using the site-specific methane generation rate constant k , and the site-specific NMOC concentration as determined in 40 CFR Part 60.754(a)(3) instead of the default values provided in 40 CFR Part 60.754(a)(1). The landfill owner or operator shall compare the resulting NMOC mass emission rate to the standard of 50 megagrams per year.

i) If the NMOC mass emission rate as calculated using the site-specific methane generation rate and concentration of NMOC, is equal to or greater than 50 megagrams per year, the owner or operator shall comply with 40 CFR Part 60.752(b)(2).

ii) If the NMOC mass emission rate is less than 50 megagrams per year, then the owner or operator shall submit a periodic emission rate report as provided in 40 CFR Part 60.757(b)(1) and shall recalculate the NMOC mass emission rate annually, as provided in 40 CFR Part 60.757(b)(1) using the equation in 40 CFR Part 60.754(a)(1)(i) and using the site-specific methane generation rate constant and NMOC concentration obtained in 40 CFR Part 60.754(a)(3). The calculation of the methane generation rate constant is performed only once, and the value obtained from this test shall be used in all subsequent annual NMOC emission rate calculations.

**Condition 32: NMOC Calculation - Alternative Methods
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.754(a)(5), NSPS Subpart

WWW

Item 32.1:

This Condition applies to:

Emission Unit: 1LFGAS

Item 32.2:

The owner or operator may use other methods to determine the NMOC concentration or a site-specific methane generation rate constant as an alternative to the methods required in 40 CFR Part 60.754(a)(3) and (a)(4) if the method has been approved by the Administrator.

**Condition 33: Asbestos-containing waste material standard for active
waste disposal sites
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 61.154, NESHAP Subpart M

Item 33.1:

Owner or operator shall comply with the requirements of 40 CFR Part 61.154 when accepting asbestos-containing waste material from any source required to comply with 40 CFR Part 61.149, 61.150, or 61.155.



**** Emission Unit Level ****

**Condition 34: Emission Point Definition By Emission Unit
Effective for entire length of Permit**

Applicable Federal Requirement:6NYCRR 201-6

Item 34.1:

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

Emission Unit: 1-LFGAS

Emission Point: 00001
Height (ft.): 10 Diameter (in.): 8

Emission Point: 00002
Height (ft.): 10 Diameter (in.): 8

Emission Point: 00003
Height (ft.): 10 Diameter (in.): 8

Emission Point: 00004
Height (ft.): 10 Diameter (in.): 8

Emission Point: 00005
Height (ft.): 10 Diameter (in.): 8

Emission Point: 00006
Height (ft.): 10 Diameter (in.): 8

Emission Point: 00007
Height (ft.): 10 Diameter (in.): 8

Emission Point: 00008
Height (ft.): 10 Diameter (in.): 8

Emission Point: 00009
Height (ft.): 10 Diameter (in.): 8

Emission Point: 00010
Height (ft.): 10 Diameter (in.): 8

Emission Point: 00011
Height (ft.): 10 Diameter (in.): 8

Emission Point: 00012
Height (ft.): 10 Diameter (in.): 8

Emission Point: 00013
Height (ft.): 10 Diameter (in.): 8

Emission Point: 00014



Height (ft.): 10	Diameter (in.): 8
Emission Point: 00015 Height (ft.): 10	Diameter (in.): 8
Emission Point: 00016 Height (ft.): 10	Diameter (in.): 8
Emission Point: 00017 Height (ft.): 10	Diameter (in.): 8
Emission Point: 00018 Height (ft.): 10	Diameter (in.): 8
Emission Point: 00019 Height (ft.): 10	Diameter (in.): 8
Emission Point: 00020 Height (ft.): 10	Diameter (in.): 8
Emission Point: 00021 Height (ft.): 10	Diameter (in.): 8
Emission Point: 00022 Height (ft.): 10	Diameter (in.): 8
Emission Point: 00023 Height (ft.): 10	Diameter (in.): 8
Emission Point: 00024 Height (ft.): 10	Diameter (in.): 8
Emission Point: 00025 Height (ft.): 34	Diameter (in.): 10
NYTMN (km.): 4811.662	NYTME (km.): 466.541

**Condition 35: Process Definition By Emission Unit
Effective for entire length of Permit**

Applicable Federal Requirement:6NYCRR 201-6

Item 35.1:

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

Emission Unit: 1-LFGAS
 Process: FLR Source Classification Code: 5-01-004-10
 Process Description:
 This process consists of flaring of landfill gas with up to 24 passive candlestick flares and one (1) active candlestick flare. Landfill gas is collected and flared voluntarily to reduce odors and greenhouse gas emissions and to ensure acceptable air quality.



Emission Source/Control: F0001 - Control
Control Type: FLARING

Emission Source/Control: F0002 - Control
Control Type: FLARING

Emission Source/Control: F0003 - Control
Control Type: FLARING

Emission Source/Control: F0004 - Control
Control Type: FLARING

Emission Source/Control: F0005 - Control
Control Type: FLARING

Emission Source/Control: F0006 - Control
Control Type: FLARING

Emission Source/Control: F0007 - Control
Control Type: FLARING

Emission Source/Control: F0008 - Control
Control Type: FLARING

Emission Source/Control: F0009 - Control
Control Type: FLARING

Emission Source/Control: F0010 - Control
Control Type: FLARING

Emission Source/Control: F0011 - Control
Control Type: FLARING

Emission Source/Control: F0012 - Control
Control Type: FLARING

Emission Source/Control: F0013 - Control
Control Type: FLARING

Emission Source/Control: F0014 - Control
Control Type: FLARING

Emission Source/Control: F0015 - Control
Control Type: FLARING

Emission Source/Control: F0016 - Control
Control Type: FLARING

Emission Source/Control: F0017 - Control
Control Type: FLARING

Emission Source/Control: F0018 - Control
Control Type: FLARING



Emission Source/Control: F0019 - Control
Control Type: FLARING

Emission Source/Control: F0020 - Control
Control Type: FLARING

Emission Source/Control: F0021 - Control
Control Type: FLARING

Emission Source/Control: F0022 - Control
Control Type: FLARING

Emission Source/Control: F0023 - Control
Control Type: FLARING

Emission Source/Control: F0024 - Control
Control Type: FLARING

Emission Source/Control: F0025 - Control
Control Type: FLARING

Emission Source/Control: LANDF - Process
Design Capacity: 28,519,227 cubic yards

Item 35.2:

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

Emission Unit: 1-LFGAS
Process: LFG Source Classification Code: 5-01-004-06
Process Description: Generation of landfill gas in the landfill.

Emission Source/Control: LANDF - Process
Design Capacity: 28,519,227 cubic yards

Item 35.3:

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

Emission Unit: 2-VHCPM
Process: VEH Source Classification Code: 5-01-004-02
Process Description:
Fugitive emissions from vehicular traffic at the landfill.

Emission Source/Control: VEHIC - Process

Item 35.4:

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

Emission Unit: 3-LCHST
Process: LEA Source Classification Code: 5-01-007-95
Process Description:
Storage of landfill leachate in above ground tanks.



Emission Source/Control: LEACH - Process

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

Applicable Federal Requirement: 6NYCRR 212.4(a)

Item 36.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-LFGAS

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

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Source owner shall test for all Hazardous Air Pollutants (HAP) identified in AP-42, section 2.4, during the testing required in condition number 30. For those contaminants measured in conjunction with this testing and not having specific emission limits established in this permit, the following procedure will be followed:

- a) The emission rates available will be input into, an EPA approved, atmospheric dispersion model if the testing results indicate that the concentration of the AP-42 HAP is greater than the concentration reported in the initial permit application and if the emission rates are higher than those predicted in the permit application. The purpose of this modeling will be to predict the maximum short-term and annual ambient impacts for those contaminants. Owner may utilize site specific parameters, in determining the landfill emissions, if the parameters have been determined based on testing conducted in accordance with condition 30 and/or 31. Permittee shall notify NYSDEC Region 6, with the results of such modeling within 30 days of completion.
- b) If any Short-term Guideline Concentrations (SGCs) or Annual Guideline Concentrations (AGCs), as contained in NYSDEC Policy Document, DAR-1, "Guidelines for the Control of Toxic Ambient Air Contaminants", are exceeded as a result of these analyses, the permittee will be required to perform a risk assessment for possible health impacts. The health impact will be performed only for those contaminants that exceed their respective SGCs or AGCs.



c) Source owner shall submit a proposed risk assessment protocol to NYSDEC within 90 days of notification to the NYSDEC Region 6, by the permittee, that an SGC or AGC has been exceeded. The results of the risk assessment will be submitted to NYSDEC within 90 days of NYSDEC's written approval of the Owner's proposed risk assessment protocol. As a result of the risk assessment, NYSDEC may consider additional terms and conditions for the operation of the landfill to mitigate identified emissions of concern.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 37: EPA Region 2 address.
Effective for entire length of Permit**

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 37.1:

This Condition applies to Emission Unit: 1-LFGAS

Item 37.2:

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

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

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

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

**Condition 38: Recordkeeping requirements.
Effective for entire length of Permit**

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

Item 38.1:

This Condition applies to Emission Unit: 1-LFGAS



Item 38.2:

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

**Condition 39: Compliance Certification
Effective for entire length of Permit**

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

Item 39.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-LFGAS

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Affected owners or operators shall submit an excess emissions report semi-annually based on the calendar year (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be postmarked no later than 30 calendar days following the end of the reporting period, and shall contain the following information:

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

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.



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

Condition 40: Excess Emissions Report
Effective for entire length of Permit

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

Item 40.1:

This Condition applies to Emission Unit: 1-LFGAS

Item 40.2:

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

Condition 41: Facility files for subject sources.
Effective for entire length of Permit

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

Item 41.1:

This Condition applies to Emission Unit: 1-LFGAS

Item 41.2:

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

Condition 42: Performance test methods.
Effective for entire length of Permit

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

Item 42.1:

This Condition applies to Emission Unit: 1-LFGAS

Item 42.2:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in this part or by alternative methods and procedures approved by the Administrator.

Condition 43: Required performance test information.
Effective for entire length of Permit

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

Item 43.1:

This Condition applies to Emission Unit: 1-LFGAS



Item 43.2:

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

**Condition 44: Prior notice.
Effective for entire length of Permit**

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

Item 44.1:

This Condition applies to Emission Unit: 1-LFGAS

Item 44.2:

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

**Condition 45: Performance testing facilities.
Effective for entire length of Permit**

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

Item 45.1:

This Condition applies to Emission Unit: 1-LFGAS

Item 45.2:

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

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

**Condition 46: Number of required tests.
Effective for entire length of Permit**

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

Item 46.1:

This Condition applies to Emission Unit: 1-LFGAS

Item 46.2:

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



Condition 47: Availability of information.
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 47.1:

This Condition applies to Emission Unit: 1-LFGAS

Item 47.2:

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

Condition 48: Compliance with Standards and Maintenance Requirements
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.11(d), NSPS Subpart A

Item 48.1:

This Condition applies to Emission Unit: 1-LFGAS

Item 48.2:

At all times, including periods of startup, shutdown, and malfunction, owners and operators of this facility shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department and the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source

Condition 49: Circumvention.
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Item 49.1:

This Condition applies to Emission Unit: 1-LFGAS

Item 49.2:

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

Condition 50: Modifications.
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A



Item 50.1:

This Condition applies to Emission Unit: 1-LFGAS

Item 50.2:

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

Condition 51: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.752(b)(1), NSPS Subpart

WWW

Item 51.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-LFGAS

Regulated Contaminant(s):

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

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owner or operator of a municipal solid waste (MSW) landfill having a design capacity equal to or greater than 2.5 million megagrams and 2.5 million cubic meters, shall either comply with 40 CFR Part 60.752(b)(2) or calculate a non-methane organic compound (NMOC) emission rate for the landfill using the procedures specified in 40 CFR Part 60.754(a). The NMOC emission rate shall be recalculated annually, except as provided in 40 CFR Part 60.757(b)(1)(ii).

1) If the calculated NMOC emission rate is less than 50 megagrams per year, the owner or operator shall:

i) Submit an annual emission report to the Administrator, except as provided for in 40 CFR Part 60.757(b)(1)(ii); and

ii) Recalculate the NMOC emission rate annually using the procedures specified in 40 CFR Part 60.754(a) until such time as the calculated NMOC emission rate is equal to or greater than 50 megagrams per year. If upon recalculation the NMOC emission rate is equal to or greater than 50 megagrams per year, the owner or operator shall install a collection and control system in compliance with 40 CFR Part 60.752(b)(2).



2) If the calculated NMOC emission rate is less than 50 megagrams per year, the following provisions of 40 CFR Part 60 Subpart WWW, do not apply: 60.752(b)(2), 60.753(a)-(g), 60.754(b), 60.754(d), 60.755(a)-(e), 60.756(a), 60.756(c), 60.756(e)-(f), 60.757(f)-(g), 60.758(a)-(e), and 60.759(a)-(c).

3) If the calculated NMOC emission rate is equal to or greater than 50 megagrams per year, all provisions outlined in paragraph (2), will at that time become applicable requirements for this facility. Additionally, when the NMOC emission rate is equal to or greater than 50 megagrams per year, the facility will have to apply for a modification to this permit that will add all the provisions contained in paragraph (2) of this condition.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 52: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.757(b), NSPS Subpart

WWW

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-LFGAS

Regulated Contaminant(s):

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

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owner or operator shall submit an NMOC emission rate report to the Administrator initially and annually thereafter, except as provided in (1)(ii) or (3) below. The Administrator may request such additional information as may be necessary to verify the reported NMOC emission rate.

1) The NMOC emission rate report shall contain an annual or 5-year estimate of the NMOC emission rate, calculated using the formula and procedures provided in 40 CFR Part 60.754(a) or (b), as applicable.



i) The initial NMOC emission rate report may be combined with the initial design capacity report required by 40 CFR Part 60.757(a) and shall be submitted no later than 90 days after the date of commenced construction. Subsequent NMOC emission rate reports shall be submitted annually thereafter, except as provided for in (1)(ii) and (3) below.

ii) If the estimated NMOC emission rate as reported in the annual report to the Administrator is less than 50 megagrams per year in each of the next 5 consecutive years, the owner or operator may elect to submit an estimate of the NMOC emission rate for the next 5-year period in lieu of the annual report. This estimate shall include the current amount of solid waste-in-place and the estimated waste acceptance rate for each year of the 5 years for which an NMOC emission rate is estimated. All data and calculations upon which this estimate is based shall be provided to the Administrator. This estimate shall be revised at least once every 5 years. If the actual waste acceptance rate exceeds the estimated waste acceptance rate in any year reported in the 5-year estimate, a revised 5-year estimate shall be submitted to the Administrator. The revised estimate shall cover the 5-year period beginning with the year in which the actual waste acceptance rate exceeded the estimated waste acceptance rate.

2) The NMOC emission rate report shall include all data, calculations, sample reports and measurements used to estimate the annual or 5-year emissions.

3) Owner or operator is exempted from the requirements in paragraphs (1) and (2) above, after installation of a collection and control system in compliance with 40 CFR Part 60.752(b)(2), during such time as the collection and control system is in operation and in compliance with 40 CFR Part 60.753 and Part 60.755.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 53: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 53.1:

The Compliance Certification activity will be performed for:



Emission Unit: 1-LFGAS

Process: FLR

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates from the flaring of landfill gas are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. This standard applies to each Emission Source (F0001 - F0025) associated with Process FLR.

Performance of the monitoring, record keeping, and reporting requirements contained in the permit condition for the opacity standard codified at 6 NYCRR Part 212.6(a), will constitute compliance with the particulate emission limit contained above unless an approved emissions test determines non-compliance.

The Department reserves the right to perform or require the performance of a particulate emissions test following EPA Reference Method 5 at any time while Process FLR and its associated Emission Sources (F0001 - F0025) are in service at the facility.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA RM 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 54: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 54.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-LFGAS

Process: FLR



Item 54.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Facility shall not cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any Emission Source (F0001 - F0025) associated with Process FLR, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of an EPA Reference Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA RM 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 55: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-LFGAS

Process: FLR

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee will conduct observations of visible emissions from each Emission Source (F0001 - F0025) associated with Process FLR at the monitoring frequency stated below while they are in operation. The permittee will immediately investigate any instance where there is cause to believe that visible emissions above those that are normal and in compliance are occurring or have occurred from an emission source.

If visible emissions above those that are normal (this may be zero percent opacity for many or all emission sources)



and in compliance with section 212.6(a) are detected , the permittee shall determine the cause, make the necessary correction, and verify that the excess visible emissions problem has been corrected.

If visible emissions above those that are normal and in compliance continue to be present after corrections are made, the permittee will immediately notify The Department and conduct an EPA Reference Method 9 assessment within 24 hours to determine the degree of opacity.

Records of these observations, investigations and corrective actions will be kept on-site in a format acceptable to the Department and the semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these instances.

Monitoring Frequency: WEEKLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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



STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

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

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

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

STATE ONLY APPLICABLE REQUIREMENTS

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

**Condition 56: Contaminant List
Effective for entire length of Permit**

Applicable State Requirement:ECL 19-0301

Item 56.1:

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

CAS No: 0NY075-00-0
Name: PARTICULATES

CAS No: 0NY100-00-0



Name: HAP

CAS No: 0NY998-00-0

Name: VOC

CAS No: 0NY998-20-0

Name: NMOC - LANDFILL USE ONLY

**Condition 57: Unavoidable noncompliance and violations
Effective for entire length of Permit**

Applicable State Requirement: 6NYCRR 201-1.4

Item 57.1:

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 58: Air pollution prohibited
Effective for entire length of Permit

Applicable State Requirement:6NYCRR 211.2

Item 58.1:

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 59: Idling of Diesel Trucks Limited
Effective for entire length of Permit

Applicable State Requirement:6NYCRR 217-3.2

Item 59.1:

No person who owns, operates or leases a bus or truck, the motive power for which is provided by a diesel engine or who owns, leases or occupies land and has the actual or apparent dominion or control over the operation of a bus or truck present on such land, the motive power for which said bus or truck is provided by a diesel engine, shall allow or permit the diesel engine of such bus or truck to idle for more than five consecutive minutes when the bus or truck is not in motion, except as otherwise permitted by 6 NYCRR Subpart 217-3.3.

Condition 60: Exceptions
Effective for entire length of Permit

Applicable State Requirement:6NYCRR 217-3.3

Item 60.1:

The prohibitions of section 217-3.2 shall not apply when:

(a) A bus or truck is forced to remain motionless because of the traffic conditions over which the operator thereof has no control.

(b) Regulations adopted by Federal, State or local agencies having jurisdiction require the maintenance of a specific temperature for passenger comfort. The idling time specified in section 217-3.2 may be increased, but only to the extent necessary to comply with such regulations.

(c) A diesel engine is being used to provide power for an auxiliary purpose, such as loading, discharging, mixing or processing cargo; controlling cargo temperature; construction; lumbering; oil or gas well servicing; farming; or when operation of the engine is required for the purpose of



maintenance.

(d) Fire, police and public utility trucks or other vehicles are performing emergency services.

(e) Trucks owned or operated by persons engaged in mining and quarrying are used within the confines of such person's property.

(f) A truck is to remain motionless for a period exceeding two hours, and during which period the ambient temperature is continuously below 25oF.

(g) A heavy duty diesel vehicle, as defined in subdivision 217-5.1(o), that is queued for or is undergoing a state authorized periodic or roadside diesel emissions inspection pursuant to Subpart 217-5.

(h) A hybrid electric vehicle, as defined in subdivision 217-5.1(r), idling for the purpose of providing energy for battery or other form of energy storage recharging.

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

**Condition 61: Compliance Demonstration
Effective for entire length of Permit**

Applicable State Requirement:6NYCRR 212.4(a)

Item 61.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-LFGAS
Process: FLR

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

Item 61.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All flares shall meet, at a minimum, the following conditions:

1) be designed and operated with no visible emissions as determined by Method 22, except for periods not to exceed 5 minutes during any 2 consecutive hours. Method 22 testing will be conducted upon the request of the Department;

2) be operated with a flame present at all times that landfill gas is being sent to the flares, as determined by Method 22. Method 22 testing will be conducted upon the request of the Department;



3) be used only with a net heating value of the gas being combusted at 300 Btu/scf or greater if the flare is steam or air assisted, or 200 Btu/scf or greater if the flare is nonassisted. The net heating value of the gas being combusted shall be determined using Method 22. Method 22 testing will be conducted upon the request of the Department; and

4) be designed to operate under the exit velocity parameters specified by the Administrator.

Reference Test Method: EPA RM 22

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

New York State Department of Environmental Conservation

Permit ID: 6-3024-00009/00007

Facility DEC ID: 6302400009

