PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 9-1462-00001/00013
Effective Date: Expiration Date:

Permit Issued To:WASTE MANAGEMENT OF NEW YORK LLC
1001 FANNIN STE 4000
HOUSTON, TX 77002

Contact: THOMAS LEWIS
WASTE MANAGMENT OF NY LLC - CHAFFEE
10860 OLEAN RD
CHAFFEE, NY 14030-9799
(716) 496-5192

Facility: CHAFFEE LANDFILL
10860 OLEAN RD
CHAFFEE, NY 14030-9799

Contact: THOMAS LEWIS
WASTE MANAGMENT OF NY LLC - CHAFFEE
10860 OLEAN RD
CHAFFEE, NY 14030-9799
(716) 496-5192

Description:
This permit is for the renewal and modification of the Title V Renewal Permit for Chaffee Landfill. The renewal incorporates the Western Expansion Landfill (WEX), a landfill designed to hold approximately 8.3 million cubic yards of non-hazardous waste. This renewal also incorporates the operation of a renewable energy facility (REF) that presently contains six internal combustion reciprocating engines (ENG01, ENG02, ENG03, ENG04, ENG05 & ENG06) rated at 1148 Bhp per engine. The modification will add two more engines (ENG07 & ENG08) to the REF. Gas generated by the existing landfill and WEX will be directed to the REF and/or to a control device.

Chaffee Landfill, Inc. was issued a NYSDEC 6 NYCRR Part 360 Operation Permit (No. 2629) for a solid waste management facility, in November 1981. The permit included provisions for construction of a leachate collection system in and around the 36 acres "original fill area". The area within the leachate collection system, known as the "original fill area," covered approximately 36 acres, or 70 percent of the permitted area. The original 36 acres of developed landfill are unlined (waste was placed directly on native clay/glacial till). Subsequent renewals and modifications to that permit increased the area permitted for landfill development from the original 36 acres to 50.93 acres. The additional 15 acres of landfill area was built with a 2 foot clay liner and a leachate collection system. In addition to daily cover, temporary cover (12 inches of compacted soil) is applied to areas that do not receive waste within 30 days. Interim final cover (24 inches of compacted soil) is applied after the waste reaches final grade to allow for settlement, followed by the installation of final cover (including a geomembrane layer). Currently, approximately 28 acres of the landfill have received a final cap. The remaining

23 acres will be capped after reaching final grade as specified in the Operations and Maintenance Manual.

A permit modification was issued in 1999 (No. 9-1462-00001/00006) that included a modification to increase the height of the clay berm and support structure on the north, east, south and southwest portions of the landfill. The modification increased the disposal capacity of the landfill by approximately 2 million cubic yards The permitted capacity of the existing, or Original Chaffee Landfill, is 10,041,000 cubic yards of municipal solid waste (per application submitted by CID, however, WMNY amended the Design Capacity Report in 2003 for a total capacity of 9,144,000 cy).

The Western Expansion permit was issued in 2006 (No. 9-1462-00001/00006) and will encompass approximately 74 total acres, directly west of the existing landfill. The expansion will have a municipal solid waste disposal capacity of approximately 8.3 million cubic yards. The first constructed cell of the Western Expansion began receiving waste in November 2007.

Approximately 50 vertical gas wells and several hundred feet of horizontal active landfill gas collectors have been installed across the original 50.93 acre landfill in order to comply with the Federal New Source Performance Standards (NSPS) that became effective at the facility when the vertical expansion to the original landfill was approved by the Department in 1999. This gas collection system was installed in accordance with the Gas Control and Collection System Plan submitted in February 2001 (amended March 2004), which includes the assumptions and the gas model for the original landfill A Title V Permit was issued on June 6, 2002 for the existing landfill.

Landfill gas combustion devices currently include the following:

1. An enclosed John Zink flare which has been tested on site and has shown compliance with the requirements of the NSPS standard. The flare was originally rated at 2400 scfm/78.62 MM Btu/hr (assuming landfill gas is 50% methane and a higher heating value (HHV) of 1010 Btu/scfm methane), but the flare is capable of burning up to 3,300 cfm/90 MM Btu/hr based on air intake louver adjustments made in consultation with the flare manufacturer and the Department. There is one 100 horsepower (Hp) blower which operates by a variable speed drive to maintain vacuum setpoint. There is also a 25 Hp blower for backup. This enclosed flare comes with a manufacturer's maximum guarantee of 0.2 lb/MMBtu of Carbon Monoxide (CO).

2. An open flare (approximately 900 cfm) for backup combustion capacity (minor modification to the Title V Permit in 2006).

3. A 4.8 megawatt renewable energy facility (REF), utilizing landfill gas from the Chaffee Landfill as a source of fuel. The REF is owned and operated by WMNY and located on WMNY property adjacent to the existing enclosed flare. The REF presently contains six internal combustion reciprocating engines rated at approximately 1148 Bhp per engine. This permit will allow the addition of two similar engines. The REF will then have the capacity of 6.4 megawatts. Filtering, dewatering, and compressing the gas prior to combustion in the internal combustion reciprocating engines will treat the landfill gas as provided in 40 CFR 60.752(b)(2)(iii)(C). Equipment that uses treated landfill gas will not be subject to the requirements of the NSPS including the performance testing and ongoing monitoring, record keeping and reporting or the SSM requirements under 40 CFR 63 Subpart A.

Landfill gas generated in the future by the Western Expansion will be collected and utilized at the renewable energy facility (REF), the existing enclosed flare and/or the open flare. Changes to the emissions for the leachate process (collection and storage) associated with the landfill are insignificant. There are no changes to emissions associated with the Maintenance Shop operations.

The potential emissions produced by the Western Expansion for the entire life of the project were reviewed under federal Prevention of Significant Deterioration of Air Quality (PSD) and New York State New Source Review (NSR), 6 NYCRR Subpart 231-2. Neither regulation is applicable to the Western Expansion landfill throughout its life according to the modeled gas generation rates. The projected annual maximum VOC emissions for the western expansion are 14.74 tpy. 40CFR52.21, Prevention of Significant Deterioration: Emission estimates using manufacture emission factors demonstrate the PSD applicability threshold of 250 tpy CO will not be exceeded at any time during the operational life of the landfill for any regulated contaminant. Therefore, PSD does not apply to CO.

40CFR60 Subpart WWW, Standards of Performance for Municipal Solid Waste Landfills: This permit contains requirements to install a well designed collection system and destroy 98% of the collected landfill gas per 40 CFR 60 Subpart WWW. The duties associated with monitoring the facility's compliance with these requirements will be shared by this Department and the Region 2 office of the Environmental Protection Agency.

40CFR63 Subpart AAAA, National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills: The facility is also subject to certain requirements of 40 CFR 63 Subpart AAAA, National Emission Standards for Hazardous Air Pollutants (NESHAPS): Municipal Solid Waste Landfills. Applicable rule requirements have been incorporated into this permit and include primarily the development and implementation of a Startup, Shutdown, and Malfunction (SSM) Plan for operation of the gas collection and control system.

The existing six engines at the REF are a minor source under 6 NYCRR Part 231-2 non-attainment New Source Review (NSR) for oxides of nitrogen (NOx) because the potential to emit of the engines is less than 100 tons per year (tpy). The REF is also a minor source for non-attainment new source review for volatile organic compounds (VOC) because the potential to emit of the engines is less than 50 tpy.

Since the original six engines (ENG01, ENG02, ENG03, ENG04, ENG05 & ENG06) were constructed at the REF, the entire Chaffee Landfill facility is now a major source for NOx. Therefore, a federally enforceable cap of 95 tons per year has been placed on the original six engines. As such, the additional two engines (ENG07 & ENG08) must also have a federally enforceable cap. However, this cap is for 35 tons per year of NOx. Also, all the engines must meet the requirements of 6 NYCRR Part 227-2 Reasonably Available Control Technology (RACT) for NOx. The applicant proposes to meet these requirements. Also included in this permit are initial and periodic emission testing requirements to verify that the applicant continues to comply with the emission control requirements.

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: DAVID S DENK

DIVISION OF ENVIRONMENTAL PERMITS
270 MICHIGAN AVE
BUFFALO, NY 14203-2999

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 9 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 9 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 9 Headquarters
Division of Environmental Permits
270 Michigan Avenue
Buffalo, NY 14203-2915
(716) 851-7165

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To:WASTE MANAGEMENT OF NEW YORK LLC
1001 FANNIN STE 4000
HOUSTON, TX 77002

Facility: CHAFFEE LANDFILL
10860 OLEAN RD
CHAFFEE, NY 14030-9799

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

Permit Effective Date: Permit Expiration Date:

LIST OF CONDITIONS

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Submission of application for permit modification or renewal-REGION 9 HEADQUARTERS

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 200.3: False statement
24 6NYCRR 201-6: Emission Unit Definition
25 6NYCRR 201-6.5(g): Non Applicable requirements
26 6NYCRR 212.6(a): Compliance Certification
27 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
28 40CFR 60.7(c), NSPS Subpart A: Excess emissions report.
29 40CFR 60.7(d), NSPS Subpart A: Excess emissions report.
30 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
31 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
32 40CFR 60.8(d), NSPS Subpart A: Prior notice.
33 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
34 40CFR 60.8(f), NSPS Subpart A: Number of required tests.

35 40CFR 60.9, NSPS Subpart A: Availability of information.
36 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and Maintenance Requirements
37 40CFR 60.12, NSPS Subpart A: Circumvention.
38 40CFR 60.752(b)(2), NSPS Subpart WWW: Standards for air emissions from MSW landfills
39 40CFR 60.753(a), NSPS Subpart WWW: Operational standards for collection and control systems
40 40CFR 60.753(b), NSPS Subpart WWW: Compliance Certification
41 40CFR 60.753(c), NSPS Subpart WWW: Compliance Certification
42 40CFR 60.753(c), NSPS Subpart WWW: Compliance Certification
43 40CFR 60.753(d), NSPS Subpart WWW: Compliance Certification
44 40CFR 60.753(e), NSPS Subpart WWW: Compliance Certification
45 40CFR 60.753(f), NSPS Subpart WWW: Compliance Certification
46 40CFR 60.753(g), NSPS Subpart WWW: Compliance Certification
47 40CFR 60.754(a)(1), NSPS Subpart WWW: Compliance Certification
48 40CFR 60.754(b), NSPS Subpart WWW: NMOC Calculation After Collection and Control System Installation
49 40CFR 60.754(d), NSPS Subpart WWW: Performance Test
50 40CFR 60.755(b), NSPS Subpart WWW: Compliance Provisions - wells
51 40CFR 60.755(c), NSPS Subpart WWW: Compliance Provisions - surface methane
52 40CFR 60.755(d), NSPS Subpart WWW: Compliance Provisions - instrumentation specifications
53 40CFR 60.755(e), NSPS Subpart WWW: Compliance Provisions - Start-up, shutdown, or malfunction
54 40CFR 60.756(a), NSPS Subpart WWW: Compliance Certification
55 40CFR 60.756(b), NSPS Subpart WWW: Compliance Certification
56 40CFR 60.756(f), NSPS Subpart WWW: Compliance Certification
57 40CFR 60.757(d), NSPS Subpart WWW: Reporting Requirements - Closure Report
58 40CFR 60.757(e), NSPS Subpart WWW: Reporting Requirements - Control Equipment Removal
59 40CFR 60.757(f), NSPS Subpart WWW: Compliance Certification
60 40CFR 60.757(g), NSPS Subpart WWW: Reporting requirements - Collection and control system
61 40CFR 60.758(a), NSPS Subpart WWW: Compliance Certification
62 40CFR 60.758(b), NSPS Subpart WWW: Compliance Certification
63 40CFR 60.758(c), NSPS Subpart WWW: Compliance Certification
64 40CFR 60.758(d), NSPS Subpart WWW: Compliance Certification
65 40CFR 60.758(e), NSPS Subpart WWW: Compliance Certification
66 40CFR 60.759(a), NSPS Subpart WWW: Specifications for active collection systems
67 40CFR 60.759(b), NSPS Subpart WWW: Specifications for active collection systems
68 40CFR 60.759(c), NSPS Subpart WWW: Specifications for active collection systems
69 40CFR 61.154, NESHAP Subpart M: Asbestos-containing waste material standard for active waste disposal sites
70 40CFR 63.1955(b), Subpart AAAA: Compliance Certification
71 40CFR 63.1980(a), Subpart AAAA: Compliance Certification

Emission Unit Level

72 6NYCRR 201-6: Emission Point Definition By Emission Unit

73 6NYCRR 201-6: Process Definition By Emission Unit
74 6NYCRR 201-7.1: Process Permissible Emissions
75 6NYCRR 201-7.1: Process Permissible Emissions

EU=L-00001,Proc=FL3
76 40CFR 60.18(c), NSPS Subpart A: Flares
77 40CFR 60.18(d), NSPS Subpart A: Flare monitoring requirements.
78 40CFR 60.18(e), NSPS Subpart A: General Control Device Requirements - Flares
79 40CFR 60.18(f), NSPS Subpart A: Flare compliance testing.

EU=L-00002
80 40CFR 60.754(a)(1), NSPS Subpart WWW: Compliance Certification

EU=M-00001
81 6NYCRR 212.4(c): Compliance Certification
82 6NYCRR 228.7: Compliance Certification
83 6NYCRR 228.8: Compliance Certification
84 6NYCRR 228.10: Compliance Certification

EU=M-00001,Proc=PSB
85 6NYCRR 212.4(c): Compliance Certification
86 6NYCRR 212.5(b): Emissions from a single device through multiple emission points

EU=P-00001
*87 6NYCRR 201-7.1: Capping Monitoring Condition
*88 6NYCRR 201-7.1: Capping Monitoring Condition
89 6NYCRR 202-1: Compliance Certification
90 6NYCRR 227-1.3(a): Compliance Certification
91 6NYCRR 227-2.4(f)(2)(iii)('b'): Compliance Certification
92 40CFR 60.752(b)(2)(iii)('C'), NSPS Subpart WWW: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS
Facility Level
93 ECL 19-0301: Contaminant List
94 6NYCRR 201-1.4: Unavoidable noncompliance and violations
95 6NYCRR 211.2: Air pollution prohibited

NOTE: * preceding the condition number indicates capping.

FEDERALLY ENFORCEABLE CONDITIONS
****** Facility Level ******

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

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

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

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

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

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

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

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

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

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

Item B: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part 201-1.10(b)
The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item C: **Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 201-6.3(a)(4)**
Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Item D: **Certification by a Responsible Official - 6 NYCRR Part 201-6.3(d)(12)**
Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item E: **Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(a)(2)**
The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item F: **Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(a)(3)**
This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item G: **Cessation or Reduction of Permitted Activity Not a Defense - 6NYCRR Part 201-6.5(a)(5)**
It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

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

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

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

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

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

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

i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;

ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;

iii. The applicable requirements of Title IV of the Act;

iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

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

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

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

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

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

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

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

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

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

Item L: Permit Exclusion - ECL 19-0305

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

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

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

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

Condition 1: **Acceptable Ambient Air Quality**
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 200.6

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

Condition 2: **Fees**
Effective for entire length of Permit

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

Item 2.1:
The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0302.

Condition 3: **Recordkeeping and reporting of compliance monitoring**
Effective for entire length of Permit

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

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

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

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

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

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

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

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

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

Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.
Effective 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 or a toxic 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 any of the above conditions 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) through (4) 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 paragraph (1) through (4) of this section must also be identified in the 6 month monitoring report required above.

If the permittee seeks to have a violation excused as provided in 201-1.4, the permittee shall report such violations as required under 201-1.4(b). However, in no case may reports of any deviation be on a less frequent basis than those described in paragraphs (1) though (4) above. 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.

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 Compliance Monitoring and Enforcement (BCME) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective for entire length of Permit

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Compliance certifications shall contain the following information:
- 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.

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.

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 Compliance Monitoring and Enforcement (BCME) 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:

270 Michigan Avenue
Buffalo, NY 14203-2999

The address for the BCME is as follows:

NYSDEC
Bureau of Compliance Monitoring
and Enforcement
625 Broadway
Albany, NY 12233-3258

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.

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: False statement
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 200.3

Item 23.1:
No person shall make a false statement in connection with applications, plans, specifications and/or reports submitted pursuant to this Subchapter.

Condition 24: Emission Unit Definition
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 201-6

Item 24.1:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: L-00001
Emission Unit Description:
Chaffee Landfill operates a municipal solid waste (MSW) landfill designed to hold 9,144,000 cubic yards (7,464,677 tons) of refuse. Air emissions are controlled by the use of an enclosed flare and an open flare. Air emissions from the landfill include primarily combustion components from the operation of the flare and fugitive emissions from the uncontrolled landfill gas. The power production plant (PPP) contains eight internal combustion reciprocating engines rated at 1148 Bhp per engine. The

landfill gas will be treated using filtration, dewatering, and compression prior to combustion in the Renewable Energy Facility (REF). Exhaust gases from the engines vent to the atmosphere.

Item 24.2:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: L-00002
Emission Unit Description:
WMNY landfill Western Expansion is designed to hold approximately 8.3 million cubic yards of non-hazardous waste. Gas generated by this landfill will be directed to a control device and/or the Renewable Energy Facility (REF).

Item 24.3:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: M-00001
Emission Unit Description:
Miscellaneous maintenance activities are performed at the facility for the equipment and vehicles owned by Chaffee Landfill. These activities include a paint booth and two exempt parts cleaning tank.

Building(s): MB

Item 24.4:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: P-00001
Emission Unit Description:
This emission unit is a Renewable Energy Facility (REF) consisting of eight (8) Caterpillar 3516 internal combustion reciprocating engines rated at 1148 Bhp per engine. The landfill gas will be treated using filtration, dewatering, and compression prior to combustion in the REF. Exhaust gases from the engines vent to the atmosphere.

Building(s): GASPLANT

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.

Condition 26: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.6(a)

Item 26.1:
The Compliance Certification activity will be performed for the Facility.

Item 26.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/operator conducting a daily survey of visible emissions whenever a process is in operation. If any visible emissions are identified, corrective action is required. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: EPA Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 27: EPA Region 2 address.
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 27.1:
All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted in duplicate to the following address:

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

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

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

Condition 28: Excess emissions report.
Effective for entire length of Permit

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

Item 28.1:
Affected owners or operators shall submit an excess emissions report and/or a summary report form (as defined in 40 CFR 60.7(d)) semi-annually (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be post marked no later than 30 days after each calendar quarter (or as appropriate), and shall contain the following information:

1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;

2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;

3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments; and

4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.

Condition 29: Excess emissions report.
Effective for entire length of Permit

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

Item 29.1:
A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).

Condition 30: Facility files for subject sources.
Effective for entire length of Permit

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

Item 30.1:
The following files shall be maintained at the facility for all affected sources: all measurements,

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

Condition 31: Performance test methods.
Effective for entire length of Permit

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

Item 31.1:
Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR 60 or by alternative methods and procedures approved by the Administrator.

Condition 32: Prior notice.
Effective for entire length of Permit

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

Item 32.1:
The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

Condition 33: Performance testing facilities.
Effective for entire length of Permit

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

Item 33.1:
The following performance testing facilities shall be provided during all tests:

1) sampling ports adequate for tests methods applicable to such facility;

2) a safe sampling platform;

3) a safe access to the sampling platform; and

4) utilities for sampling and testing equipment.

Condition 34: Number of required tests.
Effective for entire length of Permit

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

Item 34.1:
Each performance test shall consist of three separate runs, at the specified duration required in the applicable test method. Compliance with all applicable standards shall be

determined by using the arithmetic means of the results of the three runs.

Condition 35: Availability of information.
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 35.1:
The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by 40 CFR Part 2.

Condition 36: Compliance with Standards and Maintenance Requirements
Effective for entire length of Permit

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

Item 36.1:
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 37: Circumvention.
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Item 37.1:
No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

Condition 38: Standards for air emissions from MSW landfills
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.752(b)(2), NSPS Subpart WWW

Item 38.1:
If the calculated NMOC emission rate is equal to or greater than 50 megagrams per year, the owner or operator shall:

i) Submit a collection and control system design plan prepared by a professional engineer to the Administrator within 1 year:

A) The collection and control system as described in the plan shall meet the design requirements of paragraph (ii)below.

B) The collection and control system design plan shall include any alternatives to the operational standards, test methods, procedures, compliance measures, monitoring, recordkeeping or reporting provisions of 40 CFR Part 60.753 through 60.758 proposed by the owner or operator.

C) The collection and control system design plan shall either conform with specifications for active collection systems in 40 CFR Part 60.759 or include a demonstration to the Administrator's satisfaction of the sufficiency of the alternative provisions to 40 CFR Part 60.759.

D) The Administrator shall review the information submitted under paragraphs (i)(A), (B) and (C) above and either approve it, disapprove it, or request that additional information be submitted. Because of the many site-specific factors involved with landfill gas system design, alternative systems may be necessary. A wide variety of system designs are possible, such as vertical wells, combination horizontal and vertical collection systems, or horizontal trenches only, leachate collection components, and passive systems.

ii) Install a collection and control system that captures the gas generated within the landfill as required by paragraphs (ii)(A) or (B) and (iii) below, within 30 months after the first annual report in which the emission rate equals or exceeds 50 megagrams per year, unless Tier 2 or Tier 3 sampling demonstrates that the emission rate is less than 50 megagrams per year, as specified in 40 CFR Part 60.757(c)(1) or (2).

A) An active gas collection system shall:

1) be designed to handle the maximum expected gas flow rate from the entire area of the landfill that warrants control over the intended use period of the gas control or treatment system equipment;

2) collect gas from each area, cell or group of cells in the landfill in which the initial solid waste has been placed for a period of 5 years (if active) or 2 years (if closed or at final grade);

3) collect gas at a sufficient extraction rate; and

4) be designed to minimize off-site migration of subsurface gas.

(B) A passive collection system shall:

(1) Comply with the provisions specified in paragraphs (A)(1),(2), and (4) above.

(2) Be installed with liners on the bottom and all sides in all areas in which gas is to be collected. The liners shall be installed as required under 40 CFR Part 258.40 of this title.

iii) Route all the collected gas to a control system that complies with either of the following:

A) is an open flare designed and operated in accordance with 40 CFR 60.18; or

B) is a control system designed and operated to reduce NMOC by 98% (by weight) or, when an enclosed combustion device is used for control, to either reduce NMOC by 98% weight or reduce the NMOC outlet concentration to less than 20 parts per million by volume, dry basis as hexane at 3% oxygen. The reduction efficiency or parts per million by volume shall be established by an initial performance test to be completed no later than 180 days after the initial startup of the approved control system using the test methods specified in 40 CFR Part 60.754(d).

(1) If a boiler or process heater is used as the control device, the landfill gas stream shall be introduced into the flame zone.

(2) The control device shall be operated within the parameter ranges established during the initial or most recent performance test. The operating parameters to be monitored are specified in 40 CFR Part 60.756;

(C) Route the collected gas to a treatment system that processes the collected gas for subsequent sale or use. All emissions from any atmospheric vent from the gas treatment system shall be subject to the requirements of paragraph (iii)(A) or (B) above.

Condition 39: Operational standards for collection and control systems
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.753(a), NSPS Subpart WWW

Item 39.1:
Each owner or operator of an MSW landfill with a gas collection and control system used to comply with the provisions of 40 CFR Part 60.752(b)(2)(ii) shall:

a) Operate the collection system such that gas is collected from each area, cell or group of cells in the MSW landfill in which solid waste has been in place for:

1) 5 years or more if active; or

2) 2 years or more if closed or at final grade.

Condition 40: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.753(b), NSPS Subpart WWW

Item 40.1:
The Compliance Certification activity will be performed for the Facility.

Item 40.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
Operate the collection system with negative pressure at each wellhead except under the following conditions:

1) A fire or increased well temperature. The owner or operator shall record instances when positive pressure occurs in efforts to avoid a fire. These records shall be submitted with the annual reports as provided in 40 CFR Part 60.757(f)(1).

2) Use of a geomembrane cover or an equivalent synthetic cover. The owner or operator shall develop acceptable pressure limits in the design plan.

3) A decommissioned well. A well may experience a static positive pressure after shut down to accommodate for declining flows.

If monitoring demonstrates that the operational requirements are not met, corrective action shall be taken as specified in §60.755(a)(3) through (5) of Subpart WWW. If corrective actions are taken as specified in §60.755, the monitored exceedance is not a violation of the operational requirements in this section, however the permittee shall report these episodes as deviations.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: LANDFILL GAS
Parameter Monitored: PRESSURE
Upper Permit Limit: 0 pounds per square inch gauge
Monitoring Frequency: MONTHLY
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 41: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.753(c), NSPS Subpart WWW

Item 41.1:
The Compliance Certification activity will be performed for the Facility.

Item 41.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
Operate each interior wellhead in the collection system with an oxygen level in the landfill gas less than 5%. The owner or operator may establish a higher operating oxygen level at a particular well. A higher operating value demonstration shall show supporting data that the elevated parameter does not cause fires or significantly inhibit anaerobic decomposition by killing methanogens.

If monitoring demonstrates that the operational requirements are not met, corrective action shall be taken as specified in §60.755(a)(3) through (5) of Subpart WWW. If corrective actions are taken as specified in §60.755, the monitored exceedance is not a violation of the operational requirements in this section, however the permittee shall report these episodes as deviations.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: LANDFILL GAS
Parameter Monitored: OXYGEN CONTENT
Upper Permit Limit: 4.9 percent
Reference Test Method: Method 3a
Monitoring Frequency: MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 42: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.753(c), NSPS Subpart WWW

Item 42.1:
The Compliance Certification activity will be performed for the Facility.

Item 42.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
Operate each interior wellhead in the collection system with a landfill gas temperature less than 55 degrees centigrade. The owner or operator may establish a higher operating temperature at a particular well. A higher operating value demonstration shall show supporting data that the elevated parameter does not cause fires or significantly inhibit anaerobic decomposition by killing

methanogens.

If monitoring demonstrates that the operational requirements are not met, corrective action shall be taken as specified in §60.755(a)(3) through (5) of Subpart WWW. If corrective actions are taken as specified in §60.755, the monitored exceedance is not a violation of the operational requirements in this section, however the permittee shall report these episodes as deviations.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: LANDFILL GAS
Parameter Monitored: TEMPERATURE
Upper Permit Limit: 54.9 degrees Centigrade (or Celsius)
Monitoring Frequency: MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 43: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.753(d), NSPS Subpart WWW

Item 43.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 000074-82-8 METHANE

Item 43.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: AMBIENT AIR MONITORING
Monitoring Description:
Operate the collection system so that the methane concentration is less than 500 part per million above background at the surface of the landfill. To determine if this level is exceeded, the owner or operator shall conduct surface testing around the perimeter of the collection area and along a pattern that traverses the landfill at 30 meter intervals and where visual observations indicate elevated concentrations of landfill gas, such as distressed vegetation and cracks or seeps in the cover. The owner or operator may establish an alternative traversing pattern that ensures equivalent coverage. A surface monitoring design plan shall be developed that includes a topographical map with the monitoring route and the rationale for any site-specific deviations from the 30 meter intervals. The plan shall be revised as needed for any landfill expansion. Areas with steep slopes or other dangerous areas may be excluded from

the surface testing.

If monitoring demonstrates that the operational requirements are not met, corrective action shall be taken as specified in §60.755(c) of Subpart WWW. If corrective actions are taken as specified in §60.755, the monitored exceedance is not a violation of the operational requirements in this section, however the permittee shall report these episodes as deviations.

Parameter Monitored: METHANE
Upper Permit Limit: 499 parts per million (by volume)
Monitoring Frequency: QUARTERLY
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 44: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.753(e), NSPS Subpart WWW

Item 44.1:
The Compliance Certification activity will be performed for the Facility.

Item 44.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
Operate the collection system such that all collected gases are vented to a control system designed and operated in compliance with 40 CFR Part 60.752(b)(2)(iii). In the event the collection or control system is inoperable, the gas mover system shall be shut down and all valves in the collection and control system contributing to venting of the gas to the atmosphere shall be closed within one hour.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: LANDFILL GAS
Upper Permit Limit: 1 hours
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 45: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.753(f), NSPS Subpart WWW

Item 45.1:
The Compliance Certification activity will be performed for the Facility.

Item 45.2:
Compliance Certification shall include the following monitoring:

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

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 46: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.753(g), NSPS Subpart WWW

Item 46.1:
The Compliance Certification activity will be performed for the Facility.

Item 46.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
If monitoring demonstrates that the operational requirements of 40 CFR Part 60.753(b), (c) or (d) are not met, corrective action shall be taken as specified in 40 CFR Part 60.755(a)(3) through (5) or 40 CFR Part 60.755(c). If corrective actions are taken as specified in 40 CFR Part 60.755, the monitored exceedance is not a violation of the operational requirements in 40 CFR Part 60.753.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 47: Compliance Certification
Effective for entire length of Permit

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

Item 47.1:
The Compliance Certification activity will be performed for the Facility.

Item 47.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
The Permittee's quarterly waste receipts must not exceed 180,000 tons per quarter for each quarter ending March 31, June 30, September 30 and December 31. The Permittee's annual waste receipts must not exceed 600,000 tons. Alternate Daily Covers (ADC) may be used at the facility provided they are pre-approved by the Department. The total amount of ADC used at the landfill must not exceed 20% of the annual amount of non-BUD (Beneficial Use Determination) waste disposed at the landfill. Therefore, the total amount of waste and ADC received at the facility must not exceed 720,000 tons per year. ADC material may include contaminated soils (including petroleum contaminated), construction and demolition debris, and some types of industrial waste that has minimal contamination and is similar in make up to a soil.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: WASTE MATERIAL
Upper Permit Limit: 180,000 tons
Monitoring Frequency: QUARTERLY
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 48: NMOC Calculation After Collection and Control System Installation
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.754(b), NSPS Subpart WWW

Item 48.1:
After the installation of a collection and control system in compliance with 40 CFR Part 60.755, the owner or operator shall calculate the NMOC emission rate for purposes of determining when the system can be removed as provided in 40 CFR Part 60.752(b)(2)(v), using the following equation:

$$M_{NMOC} = 1.89 \times 10\text{-}3\ Q_{LFG}\ C_{NMOC}$$

where,

M_{NMOC} = mass emission rate of NMOC, megagrams per year

Q_{LFG} = flow rate of landfill gas, cubic meters per minute

C_{NMOC} = NMOC concentration, parts per million by volume as hexane

(1) The flow rate of landfill gas, Q_{LFG}, shall be determined by measuring the total landfill gas flow rate at the common header pipe that leads to the control device using a gas flow measuring device calibrated according to the provisions of section 4 of Method 2E of 40 CFR Part 60 Appendix A.

(2) The average NMOC concentration, C_{NMOC}, shall be determined by collecting and analyzing landfill gas sampled from the common header pipe before the gas moving or condensate removal equipment using the procedures in Method 25C or Method 18 of 40 CFR Part 60 Appendix A. If using Method 18 of 40 CFR Part 60 Appendix A, the minimum list of compounds to be tested shall be those published in the most recent Compilation of Air Pollutant Emission Factors (AP-42). The sample location on the common header pipe shall be before any condensate removal or other gas refining units. The landfill owner or operator shall divide the NMOC concentration from Method 25C of 40 CFR Part 60 Appendix A by six to convert from C_{NMOC} as carbon to C_{NMOC} as hexane.

(3) The owner or operator may use another method to determine landfill gas flow rate and NMOC concentration if the method has been approved by the Administrator.

Condition 49: Performance Test
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.754(d), NSPS Subpart WWW

Item 49.1:
For the performance test required in 40 CFR Part 60.752(b)(2)(iii)(B), Method 25, 25C or Method 18 of 40 CFR Part 60 Appendix A shall be used to determine compliance with the 98 weight-percent efficiency or the 20 ppmv outlet concentration level, unless another method to demonstrate compliance has been approved by the Administrator as provided by 40 CFR Part 60.752(b)(2)(i)(B). Method 3 or 3A shall be used to determine oxygen for correcting the NMOC concentration as hexane to 3 percent. In cases where the outlet concentration is less than 50 ppm NMOC as carbon (8 ppm NMOC as hexane), Method 25A should be used in place of Method 25. If using method 18, the minimum list of compounds to be tested shall be those published in the most recent Compilation of Air Pollutant Emission Factors (AP-42). The following equation shall be used to calculate efficiency:

$$\text{Control Efficiency} = (NMOC_{in} - NMOC_{out})/(NMOC_{in})$$

where,

$NMOC_{in}$ = mass of NMOC entering control device

$NMOC_{out}$ = mass of NMOC exiting control device

Condition 50: Compliance Provisions - wells
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.755(b), NSPS Subpart WWW

Item 50.1:
For purposes of compliance with 40 CFR Part 60.753(a), each owner or operator of a controlled landfill shall place each well or design component as specified in the approved design plan as provided in 40 CFR Part 60.752(b)(2)(i). Each well shall be installed no later than 60 days after the date on which the initial solid waste has been in place for a period of:

1) 5 years or more if active; or
2) 2 years or more if closed or at final grade.

Condition 51: Compliance Provisions - surface methane
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.755(c), NSPS Subpart WWW

Item 51.1:
The following procedures shall be used for compliance with the surface methane operational standard as provided in 40 CFR Part 60.753(d).

1) After installation of the collection system, the owner or operator shall monitor surface concentrations of methane along the entire perimeter of the collection area and along a pattern that traverses the landfill at 30-meter intervals (or a site-specific established spacing) for each collection area on a quarterly basis using an organic vapor analyzer, flame ionization detector, or other portable monitor meeting the specifications provided in 40 CFR Part 60.755(d)

.

2) The background concentration shall be determined by moving the probe inlet upwind and downwind outside the boundary of the landfill at a distance of at least 30 meters from the perimeter wells.

3) Surface emission monitoring shall be performed in accordance with section 8.3.1 of Method 21 of 40 CFR Part 60 Appendix A, except that the probe inlet shall be placed within 5 to 10 centimeters of the ground. Monitoring shall be performed during typical meteorological conditions.

4) Any reading of 500 parts per million or more above background at any location shall be recorded as a monitored exceedance and the actions specified in paragraphs (4)(i) through (v) below shall be taken. As long as the specified actions are taken, the exceedance is not a violation of the operational requirements of 40 CFR Part 60.753(d).

i) The location of each monitored exceedance shall be marked and the location recorded.
ii) Cover maintenance or adjustments to the vacuum of the adjacent wells to increase the gas collection in the vicinity of each exceedance shall be made and the location shall be re-monitored within 10 calendar days of detecting the exceedance.
iii) If the re-monitoring of the location shows a second exceedance, additional corrective action shall be taken and the location shall be monitored again within 10 days of the second exceedance. If the re-monitoring shows a third exceedance for the same location, the action specified in paragraph (4)(v) below shall be taken, and no further

monitoring of that location is required until the action specified in paragraph (4)(v) has been taken.

iv) Any location that initially showed an exceedance but has a methane concentration less than 500 ppm methane above background at the 10-day re-monitoring specified in paragraph (4)(ii) or (iii) below shall be re-monitored 1 month from the initial exceedance. If the 1-month remonitoring shows a concentration less than 500 parts per million above background, no further monitoring of that location is required until the next quarterly monitoring period. If the 1-month remonitoring shows an exceedance, the actions specified in paragraph (4)(iii) or (v) shall be taken.

v) For any location where monitored methane concentration equals or exceeds 500 parts per million above background three times within a quarterly period, a new well or other collection device shall be installed within 120 calendar days of the initial exceedance. An alternative remedy to the exceedance, such as upgrading the blower, header pipes or control device, and a corresponding timeline for installation may be submitted to the Administrator for approval.

5) The owner or operator shall implement a program to monitor for cover integrity and implement cover repairs as necessary on a monthly basis.

Condition 52: Compliance Provisions - instrumentation specifications
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.755(d), NSPS Subpart WWW

Item 52.1:
Each owner or operator seeking to comply with the provisions in 40 CFR Part 60.755(c) of this section shall comply with the following instrumentation specifications and procedures for surface emission monitoring devices:

1) The portable analyzer shall meet the instrument specifications provided in section 6 of Method 21 of 40 CFR Part 60 Appendix A, except that "methane" shall replace all references to VOC.

2) The calibration gas shall be methane, diluted to a nominal concentration of 500 parts per million in air.

3) To meet the sample, collection, preservation, storage and transport requirements in Section 8.0 of Method 21 of 40 CFR Part 60 Appendix A, the instrument evaluation procedures of section 8.1 of Method 21 shall be used.

4) The calibration procedures provided in section 10 of Method 21 of 40 CFR Part 60 Appendix A of this part shall be followed immediately before commencing a surface monitoring survey.

Condition 53: Compliance Provisions - Start-up, shutdown, or malfunction
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.755(e), NSPS Subpart WWW

Item 53.1:
The provisions of this subpart apply at all times, except during periods of start-up, shutdown, or malfunction, provided that the duration of start-up, shutdown, or malfunction shall not exceed 5 days for collection systems and shall not exceed 1 hour for treatment or control devices.

Condition 54: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.756(a), NSPS Subpart WWW

Item 54.1:
The Compliance Certification activity will be performed for the Facility.

Item 54.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Each owner or operator seeking to comply with 40 CFR Part 60.752(b)(2)(ii)(A) for an active gas collection system shall install a sampling port and a thermometer, other temperature measuring device, or an access port for temperature measurements at each wellhead and:

(1) Measure the gauge pressure in the gas collection header on a monthly basis as provided in 40 CFR Part 60.755(a)(3); and

(2) Monitor nitrogen or oxygen concentration in the landfill gas on a monthly basis as provided in 40 CFR Part 60.755(a)(5); and

(3) Monitor temperature of the landfill gas on a monthly basis as provided in 40CFR Part 60.755(a)(5).

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 55: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.756(b), NSPS Subpart WWW

Item 55.1:
The Compliance Certification activity will be performed for the Facility.

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each owner or operator seeking to comply with 40 CFR Part 60.752(b)(2)(iii) using an enclosed combustor shall calibrate, maintain, and operate according to the manufacturer's specifications, the following equipment.

(1) A temperature monitoring device equipped with a continuous recorder and having a minimum accuracy of ± 1 percent of the temperature being measured expressed in degrees Celsius or ± 0.5 oC, whichever is greater. A temperature monitoring device is not required for boilers or process heaters with design heat input capacity greater than 44 megawatts.

(2) A device that records flow to or bypass of the control device. The owner or operator shall either:
(i) Install, calibrate, and maintain a gas flow rate measuring device that shall record the flow to the control device at least every 15 minutes; or
(ii) Secure the bypass line valve in the closed position with a car-seal or a lock-and-key type configuration. A visual inspection of the seal or closure mechanism shall be performed at least once every month to ensure that the valve is maintained in the closed position and that the gas flow is not diverted through the bypass line.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 56: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.756(f), NSPS Subpart WWW

Item 56.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 000074-82-8 METHANE

Item 56.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: AMBIENT AIR MONITORING
Monitoring Description:
Each owner or operator seeking to demonstrate compliance with 40CFR Part 60.755(c), shall monitor surface concentrations of methane according to the instrument specifications and procedures provided in 40CFR Part

60.755(d). Any closed landfill that has no monitored exceedances of the operational standard in three consecutive quarterly monitoring periods may skip to annual monitoring. Any methane reading of 500 ppm or more above background detected during the annual monitoring returns the frequency for that landfill to quarterly monitoring.

For safety purposes, if a section of the landfill is covered with snow and/or ice or excessive precipitation (wet conditions) for an entire quarter, that section of the landfill does not need to be included in the surface scan required for that quarter under 40 CFR 60 Subpart WWW. The facility must return to quarterly surface monitoring in the event that conditions improve (i.e., if the snow and ice melt and the ground surface is dry enough to be accessible by personnel and suitable for the monitoring instrument) during the quarterly monitoring period.

Parameter Monitored: METHANE
Upper Permit Limit: 499 parts per million (by volume)
Reference Test Method: Method 21
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 57: Reporting Requirements - Closure Report
Effective for entire length of Permit

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

Item 57.1:
Each owner or operator of a controlled landfill shall submit a closure report to the Administrator within 30 days of waste acceptance cessation. The Administrator may request additional information as may be necessary to verify that permanent closure has taken place in accordance with the requirements of 40 CFR Part 258.60 of this title. If a closure report has been submitted to the Administrator, no additional wastes may be placed into the landfill without filing a notification of modification as described under 40 CFR Part 60.7(a)(4).

Condition 58: Reporting Requirements - Control Equipment Removal
Effective for entire length of Permit

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

Item 58.1:

Each owner or operator of a controlled landfill shall submit an equipment removal report to the Administrator 30 days prior to removal or cessation of operation of the control equipment.

(1) The equipment removal report shall contain all of the following items:

(i) A copy of the closure report submitted in accordance with 40 CFR Part 60.757(d) of this section;
(ii) A copy of the initial performance test report demonstrating that the 15 year minimum control period has expired; and
(iii) Dated copies of three successive NMOC emission rate reports demonstrating that the landfill is no longer producing 50 megagrams or greater of NMOC per year.

(2) The Administrator may request such additional information as may be necessary to verify that all of the conditions for removal in 40 CFR Part 60.752(b)(2)(v) have been met.

Condition 59: Compliance Certification
Effective for entire length of Permit

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

Item 59.1:
The Compliance Certification activity will be performed for the Facility.

Item 59.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Each owner or operator of a landfill seeking to comply with 40 CFR Part 60.752(b)(2) using an active collection system designed in accordance with 40 CFR Part 60.752(b)(2)(ii) shall submit to the Administrator annual reports of the recorded information in paragraphs (1) through (6) below. The initial annual report shall be submitted within 180 days of installation and start-up of the collection and control system, and shall include the initial performance test report required under 40 CFR Part 60.8. For enclosed combustion devices and flares, reportable exceedances are defined under 40 CFR Part 60.758(c).

(1) Value and length of time for exceedance of applicable parameters monitored under 40 CFR Part 60.756(a), (b), (c), and (d).

(2) Description and duration of all periods when the gas stream is diverted from the control device through a bypass line or the indication of bypass flow as specified under 40 CFR Part 60.756.

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

(4) All periods when the collection system was not operating in excess of 5 days.

(5) The location of each exceedance of the 500 parts per million methane concentration as provided in 40 CFR Part 60.753(d) and the concentration recorded at each location for which an exceedance was recorded in the previous month.

(6) The date of installation and the location of each well or collection system expansion added pursuant to paragraphs 40 CFR Part 60.755(a)(3), (b), and (c)(4).

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 60: Reporting requirements - Collection and control system
Effective for entire length of Permit

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

Item 60.1:
Each owner or operator seeking to comply with 40 CFR Part 60.752(b)(2)(iii) shall include the following information with the initial performance test report required under 40 CFR Part 60.8:

1) A diagram of the collection system showing collection system positioning including all wells, horizontal collectors, surface collectors, or other gas extraction devices, including the locations of any areas excluded from collection and the proposed sites for the future collection system expansion;

2) The data upon which the sufficient density of wells, horizontal collectors, surface collectors, or other gas extraction devices and the gas mover equipment sizing are based;

3) The documentation of the presence of asbestos or nondegradable material for each area from which collection wells have been excluded based on the presence of asbestos or nondegradable material;

4) The sum of the gas generation flow rates for all areas from which collection wells have been excluded based on nonproductivity and the calculations of gas generation

flow rate for each excluded area; and

5) The provisions for increasing gas mover equipment capacity with increased gas generation flow rate, if the present gas mover equipment is inadequate to move the maximum flow rate expected over the life of the landfill; and

6) The provisions for the control of off-site migration.

Condition 61: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.758(a), NSPS Subpart WWW

Item 61.1:
The Compliance Certification activity will be performed for the Facility.

Item 61.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Except as provided in 40 CFR Part 60.752(b)(2)(i)(B), each owner or operator of an MSW landfill subject to the provisions of 40 CFR Part 60.752(b) shall keep for at least 5 years up-to-date, readily accessible, on-site records of the maximum design capacity report which triggered 40 CFR Part 60.752(b), the current amount of solid waste in-place, and the year-by-year waste acceptance rate. Off-site records may be maintained if they are retrievable within 4 hours. Either paper copy or electronic formats are acceptable.

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 62: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.758(b), NSPS Subpart WWW

Item 62.1:
The Compliance Certification activity will be performed for the Facility.

Item 62.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Except as provided in 40 CFR Part 60.752(b)(2)(i)(B), each owner or operator of a controlled landfill shall keep up-to-date, readily accessible records for the life of the control equipment of the data listed in paragraphs (1) through (4) below as measured during the initial performance test or compliance determination. Records of subsequent tests or monitoring shall be maintained for a minimum of 5 years. Records of the control device vendor specifications shall be maintained until removal.

1) Where an owner or operator seeks to demonstrate compliance with 40 CFR Part 60.752(b)(2)(ii):

i) The maximum expected gas generation flow rate as calculated in 40 CFR Part 60.755(a)(1). The owner or operator may use another method to determine the maximum gas generation flow rate, if the method has been approved by the Administrator.

ii) The density of wells, horizontal collectors, surface collectors, or other gas extraction devices determined using the procedures specified in 40 CFR Part 60.759(a)(1).

2) Where an owner or operator subject to the provisions of this subpart seeks to demonstrate compliance with 40 CFR Part 60.752(b)(2)(iii) through use of an enclosed combustion device other than a boiler or process heater with a design heat input capacity greater than 44 megawatts:

i) The average combustion temperature measured at least every 15 minutes and averaged over the same time period of the performance test.

ii) The percent reduction of NMOC determined as specified in 40 CFR Part 60.752(b)(2)(iii)(B) achieved by the control device.

3) Where an owner or operator subject to the provisions of this subpart seeks to demonstrate compliance with 40 CFR Part 60.752(b)(2)(iii)(B)(1) through use of a boiler or process heater of any size: a description of the location at which the collected gas vent stream is introduced into the boiler or process heater over the same time period of the performance testing.

4) Where an owner or operator seeks to demonstrate compliance with 40 CFR Part

60.752(b)(2)(iii)(A) through use of an open flare, the flare type (i.e., steam-assisted, air-assisted, or nonassisted), all visible emission readings, heat content determination, flow rate or bypass flow rate measurements, and exit velocity determinations made during the performance test as specified in 40 CFR Part 60.18; continuous records of the flare pilot flame or flare flame monitoring and records of all periods of operations during which the pilot flame of the flare flame is absent.

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 63: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.758(c), NSPS Subpart WWW

Item 63.1:
The Compliance Certification activity will be performed for the Facility.

Item 63.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Except as provided in 40 CFR Part 60.752(b)(2)(i)(B), each owner or operator of a controlled landfill shall keep for 5 years up-to-date, readily accessible continuous records of the equipment operating parameters specified to be monitored in 40 CFR Part 60.756 as well as up-to-date, readily accessible records for periods of operation during which the parameter boundaries established during the most recent performance test are exceeded.

1) The following constitute exceedances that shall be recorded and reported under 40 CFR Part 60.757(f):

i) For enclosed combustors except for boilers and process heaters with design heat input capacity of 44 megawatts (150 million British thermal unit per hour) or greater, all 3-hour periods of operation during which the average combustion temperature was more than 28 degrees C below the average combustion temperature during the most recent performance test at which compliance with 40 CFR Part 60.752(b)(2)(iii) was determined.

ii) For boilers or process heaters, whenever there is a change in the location at which the vent stream is introduced into the flame zone as required under paragraph 40 CFR Part 60.758(b)(3)(i) of this section.

2) Each owner or operator shall keep up-to-date, readily accessible continuous records of the indication of flow to the control device or the indication of bypass flow or records of monthly inspections of car-seals or lock-and-key configurations used to seal bypass lines, specified under 40 CFR Part 60.756.

3) Each owner or operator subject to the provisions of this subpart who uses a boiler or process heater with a design heat input capacity of 44 megawatts or greater to comply with 40 CFR Part 60.752(b)(2)(iii) shall keep an up-to-date, readily accessible record of all periods of operation of the boiler or process heater. (Examples of such records could include records of steam use, fuel use, or monitoring data collected pursuant to other State, local, Tribal, or Federal regulatory requirements.)

4) Each owner or operator seeking to comply by use of an open flare shall keep up-to-date, readily accessible continuous records of the flame or flare pilot flame monitoring specified under 40 CFR Part 60.756(c), and up-to-date, readily accessible records of all periods of operation in which the flame or flare pilot flame is absent.

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 64: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.758(d), NSPS Subpart WWW

Item 64.1:
The Compliance Certification activity will be performed for the Facility.

Item 64.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Except as provided in 40 CFR Part 60.752(b)(2)(i)(B),

each owner or operator shall keep for the life of the collection system an up-to-date, readily accessible plot map showing each existing and planned collector in the system and providing a unique identification location label for each collector.

1) Each owner or operator shall keep up-to-date, readily accessible records of the installation date and location of all newly installed collectors as specified under 40 CFR Part 60.755(b).

2) Each owner or operator shall keep readily accessible documentation of the nature, date of deposition, amount, and location of asbestos-containing or nondegradable waste excluded from collection as provided in 40 CFR Part 60.759(a)(3)(i) as well as any nonproductive areas excluded from collection as provided in 40 CFR Part 60.759(a)(3)(ii).

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 65: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.758(e), NSPS Subpart WWW

Item 65.1:
The Compliance Certification activity will be performed for the Facility.

Item 65.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Except as provided in 40 CFR Part 60.752(b)(2)(i)(B), each owner or operator shall keep for at least 5 years up-to-date, readily accessible records of all collection and control system exceedances of the operational standards in 40 CFR Part 60.753, the reading in the subsequent month whether or not the second reading is an exceedance, and the location of each exceedance.

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 66: Specifications for active collection systems
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.759(a), NSPS Subpart WWW

Item 66.1:
Each owner or operator seeking to comply with 40 CFR Part 60.752(b)(2)(i) shall site active collection wells, horizontal collectors, surface collectors, or other extraction devices at a sufficient density throughout all gas producing areas using the following procedures unless alternative procedures have been approved by the Administrator as provided in 40 CFR 60.752(b)(2)(i)(C) and (D):

1) The collection devices within the interior and along the perimeter areas shall be certified to achieve comprehensive control of surface gas emissions by a professional engineer. The following issues shall be addressed in the design: depths of refuse, refuse gas generation rates and flow characteristics, cover properties, gas system expandability, leachate and condensate management, accessibility, compatibility with filling operations, integration with closure end use, air intrusion control, corrosion resistance, fill settlement, and resistance to the refuse decomposition heat.

2) The sufficient density of gas collection devices determined in paragraph (1) above shall address landfill gas migration issues and augmentation of the collection system through the use of active or passive systems at the landfill perimeter or exterior.

3) The placement of gas collection devices determined in paragraph (1) above shall control all gas producing areas, except as provided by paragraphs (3)(i) and (3)(ii) below.

i) Any segregated area of asbestos or nondegradable material may be excluded from collection if documented as provided under 40 CFR Part 60.758(d). The documentation shall provide the nature, date of deposition, location and amount of asbestos or nondegradable material deposited in the area, and shall be provided to the Administrator upon request.

ii) Any nonproductive area of the landfill may be excluded from control, provided that the total of all excluded areas can be shown to contribute less than 1 percent of the total amount of NMOC emissions from the landfill. The amount, location, and age of the material shall be documented and provided to the Administrator upon request. A separate NMOC emissions estimate shall be made for each section proposed for exclusion, and the sum of all such sections shall be compared to the NMOC emissions estimate for the entire landfill. Emissions from each section shall be computed using the following equation:

$$Q_i = 2\ k\ L_o\ M_i\ (e\text{-}kti)\ (C_{NMOC})\ (3.6 \times 10\text{-}9)$$

where,

Q_i = NMOC emission rate from the ith section, megagrams per year

k = methane generation rate constant, year-1

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

M_i = mass of the degradable solid waste in the ith section, megagram

t_i = age of the solid waste in the ith section, years

C_{NMOC} = concentration of nonmethane organic compounds, parts per million by volume

3.6 x 10-9 = conversion factor

iii) The values for k and C_{NMOC} determined in field testing shall be used, if field testing has been performed in determining the NMOC emission rate or the radii of influence (the distance from the well center to a point in the landfill where the pressure gradient applied by the blower or compressor approaches zero). If field testing has not been performed, the default values for k, L_o and C_{NMOC} provided in 40 CFR Part 60.754(a)(1) or the alternative values from 40 CFR Part 60.754(a)(5) shall be used. The mass of nondegradable solid waste contained within the given section may be subtracted from the total mass of the section when estimating emissions provided the nature, location, age, and amount of the nondegradable material is documented as provided in paragraph (3)(i) above.

Condition 67: Specifications for active collection systems
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.759(b), NSPS Subpart WWW

Item 67.1:
Each owner or operator seeking to comply with 40 CFR Part 60.752(b)(2)(i)(A) shall construct the gas collection devices using the following equipment or procedures:

1) The landfill gas extraction components shall be constructed of polyvinyl chloride (PVC), high density polyethylene (HDPE) pipe, fiberglass, stainless steel, or other nonporous corrosion resistant material of suitable dimensions to: convey projected amounts of gases; withstand installation, static, and settlement forces; and withstand planned overburden or traffic loads. The collection system shall extend as necessary to comply with emission and migration standards. Collection devices such as wells and horizontal collectors shall be perforated to allow gas entry without head loss sufficient to impair performance across the intended extent of control. Perforations shall be situated with regard to the need to prevent excessive air infiltration.

2) Vertical wells shall be placed so as not to endanger underlying liners and shall address the occurrence of water within the landfill. Holes and trenches constructed for piped wells and horizontal collectors shall be of sufficient cross-section so as to allow for their proper construction and completion including, for example, centering of pipes and placement of gravel backfill. Collection devices shall be designed so as not to allow indirect short circuiting of air into the cover or refuse into the collection system or gas into the air. Any gravel used around pipe perforations should be of a dimension so as not to penetrate or block perforations.

3) Collection devices may be connected to the collection header pipes below or above the landfill surface. The connector assembly shall include a positive closing throttle valve, any necessary seals and couplings, access couplings and at least one sampling port. The collection devices shall be constructed of PVC, HDPE, fiberglass, stainless steel, or other nonporous material of suitable thickness.

Condition 68: Specifications for active collection systems
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.759(c), NSPS Subpart WWW

Item 68.1:
Each owner or operator seeking to comply with 40 CFR Part 60.752(b)(2)(i)(A) shall convey the landfill gas to a control system in compliance with 40 CFR Part 60.752(b)(2)(iii) through the collection header pipe(s). The gas mover equipment shall be sized to handle the maximum gas generation flow rate expected over the intended use period of the gas moving equipment using the following procedures:

1) For existing collection systems, the flow data shall be used to project the maximum flow rate. If no flow data exists, the procedures in paragraph (2) below shall be used.

2) For new collection systems, the maximum flow rate shall be in accordance with 40 CFR Part 60.755(a)(1).

Condition 69: 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 69.1:
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.

Condition 70: Compliance Certification
Effective for entire length of Permit

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

Item 70.1:
The Compliance Certification activity will be performed for the Facility.

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

Item 70.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
If you are required by 40CFR60.752(b)(2) of subpart WWW, the Federal plan, or an EPA approved and effective State or tribal plan to install a collection and control system, you must comply with the requirements in §§63.1960 through

63.1985 and with the general provisions of part 63 as specified in table 1 of Subpart AAAA.

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

This plan must be developed by the facility by the compliance date of 40CFR63, subpart AAAA (the landfill NESHAP) and must comply with all of the provisions as listed in §63.6(e)(3).

Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 12 calendar month(s).

Condition 71: Compliance Certification
Effective for entire length of Permit

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

Item 71.1:
The Compliance Certification activity will be performed for the Facility.

Item 71.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Each owner or operator of a landfill seeking to comply with 40 CFR Part 60.752(b)(2) using an active collection system designed in accordance with 40 CFR Part 60.752(b)(2)(ii) shall submit to the Administrator semiannual reports of the recorded information in paragraphs (1) through (6) below. The initial semiannual report shall be submitted within 180 days of installation and start-up of the collection and control system, and shall include the initial performance test report required under 40 CFR Part 60.8. For enclosed combustion devices and flares, reportable exceedances are defined under 40 CFR Part 60.758(c).

(1) Value and length of time for exceedance of applicable parameters monitored under 40 CFR Part 60.756(a), (b), (c), and (d).

(2) Description and duration of all periods when the gas stream is diverted from the control device through a

bypass line or the indication of bypass flow as specified under 40 CFR Part 60.756.

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

(4) All periods when the collection system was not operating in excess of 5 days.

(5) The location of each exceedance of the 500 parts per million methane concentration as provided in 40 CFR Part 60.753(d) and the concentration recorded at each location for which an exceedance was recorded in the previous month.

(6) The date of installation and the location of each well or collection system expansion added pursuant to paragraphs 40 CFR Part 60.755(a)(3), (b), and (c)(4).

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).

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

Condition 72: Emission Point Definition By Emission Unit
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 201-6

Item 72.1:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: L-00001

Emission Point: L0001
Height (ft.): 40 Diameter (in.): 132
NYTMN (km.): 4719.3 NYTME (km.): 214.3

Item 72.2:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: M-00001

Emission Point: M0001
Height (ft.): 34 Diameter (in.): 42
NYTMN (km.): 4719.3 NYTME (km.): 214.3 Building: MB

Emission Point: M0002
Height (ft.): 34 Diameter (in.): 42
NYTMN (km.): 4719.3 NYTME (km.): 214.3 Building: MB

Item 72.3:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: P-00001

Emission Point: 00001
Height (ft.): 29 Diameter (in.): 10
NYTMN (km.): 4719.3 NYTME (km.): 214.3 Building: GASPLANT

Emission Point: 00002
Height (ft.): 29 Diameter (in.): 10
NYTMN (km.): 4719.3 NYTME (km.): 214.3 Building: GASPLANT

Emission Point: 00003
Height (ft.): 29 Diameter (in.): 10
NYTMN (km.): 4719.3 NYTME (km.): 214.3 Building: GASPLANT

Emission Point: 00004
Height (ft.): 29 Diameter (in.): 10
NYTMN (km.): 4719.3 NYTME (km.): 214.3 Building: GASPLANT

Emission Point: 00005
Height (ft.): 29 Diameter (in.): 10
NYTMN (km.): 4719.3 NYTME (km.): 214.3 Building: GASPLANT

Emission Point: 00006
Height (ft.): 29 Diameter (in.): 10
NYTMN (km.): 4719.3 NYTME (km.): 214.3 Building: GASPLANT

Emission Point: 00007
Height (ft.): 29 Diameter (in.): 10
NYTMN (km.): 4719.3 NYTME (km.): 214.3 Building: GASPLANT

Emission Point: 00008
Height (ft.): 29 Diameter (in.): 10
NYTMN (km.): 4719.3 NYTME (km.): 214.3 Building: GASPLANT

Condition 73: Process Definition By Emission Unit
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 201-6

Item 73.1:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: L-00001
Process: FL3 Source Classification Code: 5-02-006-01
Process Description: 27.3 MMBtu/hr open flare

Emission Source/Control: LNDFL - Process
Design Capacity: 9,144,000 cubic yards

Item 73.2:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: L-00001
Process: LEA Source Classification Code: 5-03-006-02
Process Description:
Landfill operations produce leachate which is collected in leachate tanks and condensate tanks. As the tanks near their capacity, the leachate is pumped into trucks and shipped off-site.

Emission Source/Control: LNDFL - Process
Design Capacity: 9,144,000 cubic yards

Item 73.3:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: L-00001
Process: LGF Source Classification Code: 5-02-006-01
Process Description:
The landfill generates gases as a byproduct of decomposition of the waste placed at the facility. This gas is collected by a landfill gas collection and control system designed and operated in accordance with 40CFR60 Subpart WWW and 40CFR63 Subpart AAAA. Landfill gas not otherwise collected is fugitive.

Chaffee Landfill operates a Renewable Energy Facility (REF) which consists of eight (8) Caterpillar 3516 internal combustion (IC) reciprocating engines rated at 1148 Bhp per engine. The landfill gas enters the REF compressor room for treatment (LFG01) using filtration, dewatering, and compression prior to being combusted in the engines. Condensate formed during the treatment of the landfill gas drains to an underground tank where it is later transferred to a tanker truck to be hauled to a waste water treatment plant for disposal.

Chaffee Landfill also operates a John Zink enclosed ground flare system for control of the excess landfill gas not being used by the REF. The flare has dimensions of 11 feet 4 inches outer diameter by 40 feet 1 inch tall. It has a design heat input rating of 90 million British Thermal Units per hour (MMBtu/hr) and is capable of combusting up to 198,000 cubic feet per hour of landfill gas.

Emission Source/Control: 0LGF1 - Control
Control Type: FLARING

Emission Source/Control: LNDFL - Process
Design Capacity: 9,144,000 cubic yards

Item 73.4:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: L-00002
Process: 183 Source Classification Code: 5-01-004-02
Process Description:
Fugitive dust will be generated through the process of landfilling refuse as a result of vehicle traffic. Dust will be controlled by periodic wetting of the facility access roads to ensure that visible emissions do not exceed regulatory limitations at the property boundary. No wetting of the roads is conducted when precipitation occurs.

Emission Source/Control: LNDF2 - Process
Design Capacity: 8,300,000 cubic yards

Item 73.5:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: L-00002
Process: 301 Source Classification Code: 5-01-004-06
Process Description:
The landfill will generate gases as a byproduct of decomposition of the waste placed at the facility. This gas will be collected by a landfill gas collection and control system designed and operated in accordance with 40CFR60 Subpart WWW and 40CFR63 Subpart AAAA. Landfill gas not otherwise collected is fugitive.

Emission Source/Control: LNDF2 - Process
Design Capacity: 8,300,000 cubic yards

Item 73.6:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: M-00001
Process: PSB Source Classification Code: 4-02-001-10
Process Description:
Chaffee Landfill operates a paint spray booth to coat miscellaneous metal parts. The booth is approximately 25 feet wide and 60 feet long. A high volume low pressure (HVLP) spray gun is used with a rated capacity of 0.117 gal/min. Emissions are vented through particulate filters, rated at 90% efficiency and then exhausted through two identical stacks.

Emission Source/Control: 0PSB2 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 0PSB1 - Process
Design Capacity: 0.117 gallons per minute

Item 73.7:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: P-00001
Process: 601 Source Classification Code: 4-03-888-05
Process Description:
The Chaffee Landfill Renewable Energy Facility (REF) contains eight (8) Caterpillar 3516 internal combustion (IC) reciprocating engines rated at 1148 Bhp per engine. This process is for the original six (6) engines (ENG01, ENG02, ENG03, ENG04, ENG05 and ENG06). The landfill gas will enter the REF compressor room for treatment (LFG01) using filtration, dewatering, and compression prior to being combusted in the engines. Condensate formed during the treatment of the landfill gas drains to an underground tank where it is later transferred to a tanker truck to be hauled to a waste water treatment plant for disposal.

Emission Source/Control: ENG01 - Combustion
Design Capacity: 340 cubic feet per minute

Emission Source/Control: ENG02 - Combustion
Design Capacity: 340 cubic feet per minute

Emission Source/Control: ENG03 - Combustion
Design Capacity: 340 cubic feet per minute

Emission Source/Control: ENG04 - Combustion
Design Capacity: 340 cubic feet per minute

Emission Source/Control: ENG05 - Combustion
Design Capacity: 340 cubic feet per minute

Emission Source/Control: ENG06 - Combustion
Design Capacity: 340 cubic feet per minute

Item 73.8:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: P-00001
Process: 602 Source Classification Code: 4-03-888-05
Process Description:
The Chaffee Landfill Renewable Energy Facility (P-00001) will have an insignificant emission point called a "crankcase breather vent." The function of the crankcase breather vent is to allow moisture in each of the engines crankcase to be vented so water does not collect in the engines oil pan. The water vapor might contain some motor oil in the form of a mist. Other insignificant emissions

might come from the virgin motor oil storage tank, the used oil storage tank, the landfill gas condensate tank and the gas chromatograph vent. Calculations for these emissions are included with this application.

Emission Source/Control: ENG01 - Combustion
Design Capacity: 340 cubic feet per minute

Emission Source/Control: ENG02 - Combustion
Design Capacity: 340 cubic feet per minute

Emission Source/Control: ENG03 - Combustion
Design Capacity: 340 cubic feet per minute

Emission Source/Control: ENG04 - Combustion
Design Capacity: 340 cubic feet per minute

Emission Source/Control: ENG05 - Combustion
Design Capacity: 340 cubic feet per minute

Emission Source/Control: ENG06 - Combustion
Design Capacity: 340 cubic feet per minute

Emission Source/Control: ENG07 - Combustion
Design Capacity: 340 cubic feet per minute

Emission Source/Control: ENG08 - Combustion
Design Capacity: 340 cubic feet per minute

Item 73.9:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: P-00001
Process: 603 Source Classification Code: 4-03-888-05
Process Description:
The Chaffee Landfill Renewable Energy Facility (REF) contains eight (8) Caterpillar 3516 internal combustion (IC) reciprocating engines rated at 1148 Bhp per engine. This process is for the two (2) additional engines (ENG07 & ENG08). The landfill gas will enter the REF compressor room for treatment (LFG01) using filtration, dewatering, and compression prior to being combusted in the engines. Condensate formed during the treatment of the landfill gas drains to an underground tank where it is later transferred to a tanker truck to be hauled to a waste water treatment plant for disposal.

Emission Source/Control: ENG07 - Combustion
Design Capacity: 340 cubic feet per minute

Emission Source/Control: ENG08 - Combustion
Design Capacity: 340 cubic feet per minute

Condition 74: Process Permissible Emissions
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 201-7.1

Item 74.1:
The sum of emissions from the regulated process cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: P-00001 Process: 601

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 21.6 pounds per hour
190,000 pounds per year

Emission Unit: P-00001 Process: 603

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 8 pounds per hour
70,000 pounds per year

Condition 75: Process Permissible Emissions
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 201-7.1

Item 75.1:
The sum of emissions from the regulated process cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: P-00001 Process: 601

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 21.6 pounds per hour
190,000 pounds per year

Emission Unit: P-00001 Process: 603

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 8 pounds per hour
70,000 pounds per year

Condition 76: Flares
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.18(c), NSPS Subpart A

Item 76.1:
This Condition applies to Emission Unit: L-00001
Process: FL3

Item 76.2:
All required flares shall meet, at a minimum, the following conditions:

1) be designed for and operated with no visible emissions as determined by the methods specified in 40 CFR 60.18(f) (Method 22), except for periods not to exceed 5 minutes during any 2 consecutive hours;

2) Flares shall be operated with a flame present at all times, as determined by the methods specified in 40 CFR 60.18(f) (Method 22);

3) An owner/operaor has the choice of adhering to either the heat content specifications in 40 CFR 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR 60.18(c)(4), or adhering to the requirements in 40 CFR 60.18(c)(3)(i).

4) Steam assisted and nonassisted flares shall be designed for and operate with an exit velocity, as determined by the methods specified in 40 CFR 60.18(f)(4), less than 18.3 m/sec (60 ft/sec), except as provided in 40 CFR 60.18(c)(4)(ii) and (iii).

Condition 77: Flare monitoring requirements.
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.18(d), NSPS Subpart A

Item 77.1:
This Condition applies to Emission Unit: L-00001
Process: FL3

Item 77.2:
Owners or operators of flares used to comply with the provisions of 40 CFR 60.18 shall monitor these control devices to ensure that they are operated and maintained in conformance with their designs. Applicable subparts will provide provisions stating how owners or operators of flares shall monitor these control devices.

Condition 78: General Control Device Requirements - Flares
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.18(e), NSPS Subpart A

Item 78.1:
This Condition applies to Emission Unit: L-00001
Process: FL3

Item 78.2:
Flares used to comply with the provisions of 40 CFR Part 60 Subpart A shall be operated whenever landfill gas is vented to them.

Condition 79: Flare compliance testing.
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.18(f), NSPS Subpart A

Item 79.1:
This Condition applies to Emission Unit: L-00001
Process: FL3

Item 79.2: Required flares used to comply with the provisions in this subpart shall comply with the following:

1) Reference Method 22 shall be used to determine the compliance of flares with the visible emission provisions of this subpart. The observation period is 2 hours and shall be used according to Method 22.

2) The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame.

3) The net heating value of the gas being combusted in a flare shall be calculated using the equation found in 40CFR 60.18(f)(3).

4) The actual exit velocity of a flare shall be determined by dividing the volumetric flowrate (in units of standard temperature and pressure), as determined by Reference Methods 2, 2A, 2C, or 2D as appropriate; by the unobstructed (free) cross sectional area of the flare tip.

5) The maximum permitted velocity, Vmax, for flares complying with 40CFR 60.18(c)(4)(iii) shall be determined by the equation given in 40CFR 60.18(f)(5).

6) The maximum permitted velocity, Vmax, for air assisted flares shall be determined by the equation given in 40CFR 60.18(f)(6).

Condition 80: Compliance Certification
Effective for entire length of Permit

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

Item 80.1:
The Compliance Certification activity will be performed for:

Emission Unit: L-00002

Item 80.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
WMNY landfill Western Expansion is designed to hold approximately 8.3 million cubic yards of non-hazardous waste.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: WASTE MATERIAL
Upper Permit Limit: 8,300,000 cubic yards
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 81: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.4(c)

Item 81.1:
The Compliance Certification activity will be performed for:

Emission Unit: M-00001

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 81.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Emissions of solid particulates 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.

If this condition appears in a Title V permit, and the Department has not otherwise directed the permittee to conduct a stack test, compliance with the 0.050 grains/dscf particulate emission standard will be determined by the permittee's observation of the outlet of the emission source to determine whether or not visible emissions are present following the guidelines similar to EPA Method 22. Visible emissions will not include those due to water vapor that is present in the exhaust gas. Observations must be made once per day while operations are taking place. These observations must be recorded in a log book, and be made available to the Department on request. If visible emissions are observed for two consecutive days, a Method 9 visible emissions test must be conducted by a certified observer. If the Method 9 test determines that the opacity is less than 20%, observations of the stack in question shall be used to determine that the opacity of these emissions remain less than 20%.

The semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these observations as well an instances in which visible emissions were observed or in which observations could not be made due to weather conditions.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.050 grains per dscf
Reference Test Method: EPA Method 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 82: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 228.7

Item 82.1:
The Compliance Certification activity will be performed for:

Emission Unit: M-00001

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

Item 82.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
Miscellaneous metal parts and product coating lines, excluding all nonmetallic parts, utilizing air dried or forced warm air dried at a temperature up to 90 degrees centigrade coatings may contain a maximum of 3.5 pounds of volatile organic compounds per gallon of coating (minus water and excluded VOC) as applied.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: PAINT
Parameter Monitored: VOC CONTENT
Upper Permit Limit: 3.5 pounds per gallon
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.

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

Condition 83: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 228.8

Item 83.1:
The Compliance Certification activity will be performed for:

Emission Unit: M-00001

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

Item 83.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
Color topcoats used for overall coating of automobiles, trucks, and buses may contain a maximum of 5.0 pounds of volatile organic compounds per gallon of coating (minus water and excluded VOC) as applied.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: PAINT
Parameter Monitored: VOC CONTENT
Upper Permit Limit: 5.0 pounds per gallon
Reference Test Method: Methods 311 or 24
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 84: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 228.10

Item 84.1:
The Compliance Certification activity will be performed for:

Emission Unit: M-00001

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

Item 84.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Within the work area(s) associated with a coating line, the owner or operator of this facility subject to 6NYCRR Part 228 must:

(a) use closed, non-leaking containers to store or dispose of cloth or other absorbent applicators impregnated with VOC solvents that are used for surface preparation, cleanup or coating removal;

(b) store in closed, non-leaking containers spent or fresh VOC solvents to be used for surface preparation, cleanup or coating removal;

(c) not use VOC solvents to cleanup spray equipment unless equipment is used to collect the cleaning compounds and to minimize VOC evaporation;

(d) not use open containers to store or dispense surface coatings and/or inks unless production, sampling, maintenance or inspection procedures require operational access. This provision does not apply to the actual device or equipment designed for the purpose of applying a coating material to a substrate. These devices may include, but are not limited to spray guns, flow coaters, dip tanks, rollers, knife coaters, and extrusion coaters;

(e) not use open containers to store or dispose of spent surface coatings, or spent VOC solvents.

(f) minimize spills during the handling and transfer of coatings and VOC solvents; and

All associated coating line work area(s) within the facility shall be inspected daily (this excludes

holidays and weekends) to determine if there are any open containers present, and that only acceptable spray gun cleaning methods were utilized. A log book shall be maintained to record these inspections and their results. The log book shall include the following information:

- date and time of inspection
- items or areas observed
- corrective measures taken, if necessary

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 85: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.4(c)

Item 85.1:
The Compliance Certification activity will be performed for:

Emission Unit: M-00001
Process: PSB

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 85.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Operators of all paint spray booths must periodically monitor the booths and the accompanying particulate control device(s) by completing the following tasks on a weekly basis:

- Inspect the spray booth emission point for evidence of paint fallout and for presence of visible emissions. Presence of visible emissions indicates that the emission sources may not be operating properly and may need servicing.
- Inspect the spray booth's particulate control device for evidence that maintenance or replacement is needed.
- Record in an inspection log, which shall be made available for Department review upon request, the following information: Date, time, name of staff person performing inspection, and inspection results for each inspection; and, whenever a problem is discovered, a description of the problem, cause and corrective action taken.

Regardless of when a problem is noted, i.e., at a time other than during the weekly inspection, it must be immediately remedied.

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 86: Emissions from a single device through multiple emission

points
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 212.5(b)

Item 86.1:
This Condition applies to Emission Unit: M-00001
Process: PSB

Item 86.2:
Where air contaminants from a single device or contrivance are emitted to the outdoor atmosphere through more than one emission point, the sum of the emissions from all such emission points shall not exceed the quantity that would be permitted if said emissions were through a single emission point.

Condition 87: Capping Monitoring Condition
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 201-7.1

Item 87.1:
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 87.2:
Operation of this facility shall take place in accordance with the approved criteria, emission limits, terms, conditions and standards in this permit.

Item 87.3:
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 87.4:
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 87.5:
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 87.6:

The Compliance Certification activity will be performed for:

Emission Unit: P-00001

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

Item 87.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Waste Management of New York, LLC's Chaffee Landfill has accepted a cap of 95 tons per year of Oxides of Nitrogen (NOx) on the existing six engines (ENG01, ENG02, ENG03, ENG04, ENG05 and ENG06) at the Renewable Energy Facility (REF). This cap will allow the engines to not be subject to the New Source Review (NSR) regulations. The facility must track the kilowatt-hour (kwh) output of each engine and use an emission factor developed from the most recent performance test to calculate the 12-month rolling total of NOx emissions from the engines. The emissions factor is calculated as follows: lb/hr NOx emission rate measured during stack test divided by the kwh output from the engine during the test equals the lb/kwh emission factor. NOx emissions are calculated as kwh multiplied by the lb/kwh emissions factor equals lb/month (then converted to tons/month).

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 95 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 88: Capping Monitoring Condition
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 201-7.1

Item 88.1:
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 88.2:

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

Item 88.3:
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 88.4:
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 88.5:
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 88.6:
The Compliance Certification activity will be performed for:

Emission Unit: P-00001

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

Item 88.7:
Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Waste Management of New York, LLC's Chaffee Landfill has accepted a cap of 35 tons per year of Oxides of Nitrogen (NOx) on the additional two engines (ENG07 & ENG08) at the Renewable Energy Facility (REF). This cap will allow the engines to not be subject to the New Source Review (NSR) regulations. The facility must track the kilowatt-hour (kwh) output of each engine and use an emission factor developed from the most recent performance test to calculate the 12-month rolling total of NOx emissions from the engines. The emissions factor is calculated as follows: lb/hr NOx emission rate measured during stack test divided by the kwh output from the engine during the test equals the lb/kwh emission factor. NOx emissions are calculated as kwh multiplied by the lb/kwh emissions factor equals lb/month (then converted to tons/month).

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 35 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 89: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6NYCRR 202-1

Item 89.1:
The Compliance Certification activity will be performed for:

Emission Unit: P-00001

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

Item 89.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The design emission rates of the internal combustion engines for nitrogen oxides (NOx) and carbon monoxide (CO) are 1.40 grams per brake horsepower-hour (g/bhp-hr) and 2.71 g/bhp-hr, respectively. These emission rates are conservative emission rates based on performance tests data of similar engines. The design emission rates were used to assess compliance and applicability to New Source Review (6NYCRR Part 231-2), Prevention of Significant Deterioration (40CFR52.21) and Reasonable Available Control Technology for Oxides of Nitrogen (6NYCRR Part 227-2). The Department requires routine performance testing and periodic monitoring of the internal combustion engines to confirm the engines consistently operate within the design criteria.

NOx:

Compliance Certification shall include the following monitoring:

Monitoring Type: Periodic Monitoring

Monitoring Description: The facility is required to analyze stack emissions on each engine with a portable NOx analyzer.

The suitability of the portable analyzer shall be approved by the Department. The analyzer shall be calibrated in accordance with the manufacturer's recommended procedures and schedule. A report for each calibration shall be kept on site and made available for Department review upon request. The analyzer shall be zeroed prior to each use following manufacturer's procedures.

A permanent sample port shall be installed in each engine exhaust at a location to obtain a representative sample from the flow profile. To reduce uncertainties in the measurements, a sampling method should be followed including: instructions on the assembly of the equipment, details of any leak checks, calibration procedures, and time to allow the instrument to stabilize. The sample collection and analysis shall be completed during normal operating conditions.

Monitoring will be performed on a monthly basis. A threshold for NOx (in ppm) will be established based on the assumed emission factors included in the Title V Permit and the measured exhaust stack conditions from the most recent performance test. If the threshold is exceeded, the engines shall be tuned and monitoring repeated within 10 business days. If the threshold is exceeded upon remonitoring, performance testing shall be conducted. If corrective actions are taken as specified, the monitored exceedance is not a violation of the operational requirements, however the permittee shall report these episodes as deviations.

Records shall be maintained to include: (1) date and time of the measurement, (2) a log of the NOx measurements in ppm, (3) backup for determination of monitoring threshold, and (4) description of adjustments made to the engine (if any). The records shall be kept on-site and be made available to the Department upon request.

A summary of all monthly monitoring results shall be reported to the Department semiannually.

CO:

Compliance Certification shall include the following monitoring:

Monitoring Type: Periodic Monitoring

Monitoring Description: The facility is required to analyze stack emissions on each engine with a portable CO analyzer.

The suitability of the portable analyzer shall be approved by the Department. The analyzer shall be calibrated in accordance with the manufacturer's recommended procedures and schedule. A report for each calibration shall be kept on site and made available for Department review upon request. The analyzer shall be zeroed prior to each use following manufacturer's procedures.

A permanent sample port shall be installed in each engine exhaust at a location to obtain a representative sample from the flow profile. To reduce uncertainties in the measurements, a sampling method should be followed including: instructions on the assembly of the equipment, details of any leak checks, calibration procedures, and time to allow the instrument to stabilize. The sample collection and analysis shall be completed during normal operating conditions.

Monitoring will be performed on a monthly basis. A threshold for CO (in ppm) will be established based on the assumed emission factors included in the Title V Permit and the measured exhaust stack conditions from the most recent performance test. If the threshold is exceeded, the engines shall be tuned and monitoring repeated within 10 business days. If the threshold is exceeded upon remonitoring, performance testing shall be conducted. If corrective actions are taken as specified, the monitored exceedance is not a violation of the operational requirements, however the permittee shall report these episodes as deviations.

Records shall be maintained to include: (1) date and time of the measurement, (2) a log of the CO measurements in ppm, (3) backup for determination of monitoring threshold, and (4) description of adjustments made to the engine (if any). The records shall be kept on-site and be made available to the Department upon request.

A summary of all monthly monitoring results shall be reported to the Department semiannually.

ROUTINE PERFORMANCE TESTING

The facility completed the initial performance test on engine # 4 (ENG04) of the original six engines (ENG01, ENG02, ENG03, ENG04, ENG05 & ENG06) on August 29, 2008. The average of three test runs was 1.2 grams NOx per brake horsepower-hour. This is below the limit of 2.0 grams per brake horsepower-hour contained in 6 NYCRR Part 227-2 and 1.4 grams per brake horsepower-hour used to allow the engines to limit emissions below the applicability level of 6 NYCRR Part 231-2..

1.) An initial performance test on one of the additional two engines (ENG07 or ENG08) must be performed no later than 180 days of startup of the engines.

2.) In addition to the above testing, a performance test shall be completed, at a minimum, every five years on one engine from each similar engine type at the facility. For purposes of this testing, engines 1 through 6 will be considered one engine type and engines 7 and 8 will be considered another engine type. More frequent performance testing may be required as determined necessary by the Department.

3.) Performance tests must demonstrate compliance with the design emission rates of 1.40 g/bhp-hr NOx and 2.71 g/bhp-hr CO.

4.) The specific engine to be tested will be selected by the Department. The test must be completed at the maximum normal operating load.

5.) The methods used to measure NOx and CO shall include EPA Methods 7 or 7E and EPA Method 10 from 40CFR60, Appendix A or another reference method approved by the Department.

6.) A performance test protocol shall be submitted to the Department for approval at least 60 days prior to completion of the test. The Department must be notified 10 days prior to the scheduled test date so a Department representative may be present during the test.

7.) A performance test report of the results shall be submitted to this office within 45 days of completion of the test.

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 90: Compliance Certification
Effective for entire length of Permit

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

Item 90.1:
The Compliance Certification activity will be performed for:

Emission Unit: P-00001

Item 90.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
No person shall operate a stationary combustion installation which exhibits greater than 20% opacity (six minute average), except for one six-minute period per hour of not more than 27 percent opacity. The facility will perform a visual observation of each exhaust and crankcase vent on a daily basis during business days (this excludes holidays and weekends). If any opacity is noted, corrective action will be taken immediately or a Method 9 will be performed within 2 business days. The facility shall keep records of daily observations and any corrective action performed in a format acceptable to the Department.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: EPA Method 9
Monitoring Frequency: DAILY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 91: Compliance Certification
Effective for entire length of Permit

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

Item 91.1:
The Compliance Certification activity will be performed for:

Emission Unit: P-00001

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

Item 91.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
In order to show compliance with the NOx RACT standard of 2.0 grams per brake horsepower-hour on engines firing landfill gas, the facility is required to conduct the emission monitoring and testing contained in the 6NYCRR Part 202-1 condition contained elsewhere in this permit.

Upper Permit Limit: 2.0 grams per brake horsepower-hour
Reference Test Method: EPA Method 7, 7E or 19
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 92: Compliance Certification
Effective for entire length of Permit

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

Item 92.1:
The Compliance Certification activity will be performed for:

Emission Unit: P-00001

Item 92.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
In accordance with 40 CFR §60.752(b)(2)(iii)(C), landfill gas collected from a MSW landfill may be either combusted in an appropriate control device or routed to a treatment system that processes the collected gas for subsequent sale or use.

Treatment is defined by EPA and the Department as compression, dewatering and filtering of particulate. Waste Management has installed the following treatment system:

Filtration: At a minimum, the system will filter landfill gas using a dry filter or similar device (e.g., impaction, interception or diffusion device). The filter shall reduce particulate matter in the gas stream to a size of at least 10 microns.

Dewatering: Landfill gas is de-watered by cooling the superheated gas from the blower in the cooler. Landfill gas is cooled in the cooler, lowering the gas temperature to below the dew point and causing the water in the gas to condense. The condensed water is then trapped in the filters after the cooler. The cooled gas is then reheated prior to entering the gas plant. The system will de-water landfill gas using chillers, air-to-air coolers, dehumidification devices or other dehydration equipment as approved by the Department.

Compression: Landfill gas is extracted from the landfill

under vacuum and compressed in a rotary blower. The gas is compressed in the blower such that it is approximately 5 to 7 psi coming out of the blower. The system will compress landfill gas using gas blowers or similar devices approved by the Department.

WMNY shall operate the treatment system at all times according to manufacturer's specifications when gas is routed for subsequent sale or use. WMNY submitted an acceptable monitoring plan to the Department for the treatment system. The plan describes the monitoring for the filtering, dewatering and compression of the landfill gas to assure that the treatment system operates as designed. This monitoring plan shall be followed at all times during operation of the treatment system.

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).

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 93: Contaminant List
Effective for entire length of Permit

Applicable State Requirement:ECL 19-0301

Item 93.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000074-82-8
Name: METHANE

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY100-00-0
Name: HAP

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

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

Condition 94: Unavoidable noncompliance and violations
Effective for entire length of Permit

Applicable State Requirement:6NYCRR 201-1.4

Item 94.1:
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 95: Air pollution prohibited
Effective for entire length of Permit

Applicable State Requirement:6NYCRR 211.2

Item 95.1:
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.