



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 9-2924-00110/00002
Effective Date: 03/23/2011 Expiration Date: 03/22/2016

Permit Issued To: MODEL CITY ENERGY LLC
2999 JUDGE RD
OAKFIELD, NY 14125-9771

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

Facility: MODEL CITY ENERGY FACILITY
1447 PLETCHER RD
YOUNGSTOWN, NY 14174

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

Description:

The Model City Energy Facility is located adjacent to the Modern Landfill at Pletcher and Harold Roads in Youngstown, New York. The facility receives landfill gas from the Modern Landfill that is subsequently treated with appropriate equipment and processes, and used to fuel multiple reciprocating internal combustion (IC) engine - generator sets. The electricity generated by the Model City Energy Facility is sold on the open market to contract purchasers. The facility collectively consists of seven (7) Caterpillar Model G3516 (16-cylinder) and four (4) Model G3520C (20-cylinder) IC engine - generator sets that have a total generation capacity of 12.25 MW. The facility is a major source for Oxides of Nitrogen and Carbon Monoxide. Emissions from all engines include Sulfur Dioxide, Volatile Organic Compounds, PM-10 and Hazardous Air Pollutants although the facility is not a major emitter of these substances. This 6 NYCRR Part 201-6 Title V renewal permit has been issued to Model City Energy, LLC to allow for continued operation of this Landfill Gas to Energy (LFGTE) Facility.

New York State Department of Environmental Conservation
Facility DEC ID: 9292400110



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: LISA PORTER
 270 MICHIGAN AVE
 BUFFALO, NY 14203-2915

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: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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



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

Item 4.1:

The Department reserves the right to 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: 6 NYCRR 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

New York State Department of Environmental Conservation

Permit ID: 9-2924-00110/00002

Facility DEC ID: 9292400110



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: MODEL CITY ENERGY LLC
2999 JUDGE RD
OAKFIELD, NY 14125-9771

Facility: MODEL CITY ENERGY FACILITY
1447 PLETCHER RD
YOUNGSTOWN, NY 14174

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

Permit Effective Date: 03/23/2011

Permit Expiration Date: 03/22/2016



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.5 (a) (7): Fees
- 3 6 NYCRR 201-6.5 (c): Recordkeeping and reporting of compliance monitoring
- 4 6 NYCRR 201-6.5 (c) (2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6 NYCRR 201-6.5 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.5 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.5 (a) (4): Standard Requirement - Provide Information
- 16 6 NYCRR 201-6.5 (a) (8): General Condition - Right to Inspect
- 17 6 NYCRR 201-6.5 (d) (5): Standard Requirements - Progress Reports
- 18 6 NYCRR 201-6.5 (f) (6): Off Permit Changes
- 19 6 NYCRR 202-1.1: Required Emissions Tests
- 20 40 CFR Part 68: Accidental release provisions.
- 21 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 22 6 NYCRR Subpart 201-6: Emission Unit Definition
- 23 6 NYCRR 211.1: Air pollution prohibited
- 24 6 NYCRR 227-1.3 (a): Compliance Certification
- 25 40CFR 60.7(a), NSPS Subpart A: Modification Notification
- 26 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 27 40CFR 60.7(c), NSPS Subpart A: Compliance Certification
- 28 40CFR 60.7(d), NSPS Subpart A: Excess emissions report.
- 29 40CFR 60.7(e), NSPS Subpart A: Monitoring frequency waiver.
- 30 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 31 40CFR 60.7(g), NSPS Subpart A: Notification Similar to State or Local Agency
- 32 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 33 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 34 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 35 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 36 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 37 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 38 40CFR 60.9, NSPS Subpart A: Availability of information.
- 39 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 40 40CFR 60.12, NSPS Subpart A: Circumvention.
- 41 40CFR 60.14, NSPS Subpart A: Modifications.
- 42 40CFR 60.15, NSPS Subpart A: Reconstruction



- 43 40CFR 60.752(b)(2)(iii)(C), NSPS Subpart WWW: Compliance Certification
- Emission Unit Level**
- 44 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 45 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 46 6 NYCRR 201-7.1: Emission Unit Permissible Emissions

EU=1-MCENG

- *47 6 NYCRR 201-7.1: Capping Monitoring Condition
- *48 6 NYCRR 201-7.1: Capping Monitoring Condition
- 49 6 NYCRR Subpart 257-4: Compliance Certification

EU=2-MCENG

- *50 6 NYCRR 201-7.1: Capping Monitoring Condition
- *51 6 NYCRR 201-7.1: Capping Monitoring Condition
- 52 6 NYCRR Subpart 257-4: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 53 ECL 19-0301: Contaminant List
- 54 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 55 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

EU=1-MCENG

- 56 6 NYCRR 227-2.4 (f) (2): Compliance Demonstration

EU=2-MCENG

- 57 6 NYCRR 227-2.4 (f) (2): Compliance Demonstration

NOTE: * preceding the condition number indicates capping.



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

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

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

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

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

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

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

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

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



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

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

Item D: Certification by a Responsible Official - 6 NYCRR 201-6.3 (d) (12)

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

Item E: Requirement to Comply With All Conditions - 6 NYCRR 201-6.5 (a) (2)

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

Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.5 (a) (3)

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

Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.5 (a) (5)

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

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

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



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

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

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

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

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

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

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

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is



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

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

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

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

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

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

Item L: Permit Exclusion - ECL 19-0305

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



(NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

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

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

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

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement:6 NYCRR 200.6

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

Condition 2: Fees
Effective between the dates of 03/23/2011 and 03/22/2016

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

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

Condition 3: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 3.1:



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

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

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

Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.

Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 4.1:

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

Condition 5: Compliance Certification

Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Submit reports of any required monitoring at a minimum



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

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

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.
- (4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A



written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

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

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

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2011.

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



Condition 6: Compliance Certification
Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and
 - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.
- iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.
- iv. All compliance certifications shall be submitted to

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

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

The address for the RAPCE is as follows:

270 Michigan Avenue
Buffalo, NY 14203-2999

The address for the BQA is as follows:

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

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

Condition 7: Compliance Certification
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement:6 NYCRR 202-2.1

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

Item 7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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



Condition 8: Recordkeeping requirements
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:

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

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

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

Condition 9: Open Fires - Prohibitions
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:

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

Item 9.2

Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.



- (i) Prescribed burns performed according to Part 194 of this Title.
- (j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
- (k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
- (l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

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

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

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

Condition 10: Maintenance of Equipment
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement:6 NYCRR 200.7

Item 10.1:

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

Condition 11: Recycling and Salvage
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:

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

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 03/23/2011 and 03/22/2016



Applicable Federal Requirement:6 NYCRR 201-1.8

Item 12.1:

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

Condition 13: Exempt Sources - Proof of Eligibility
Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 13.1:

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

Condition 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 14.1:

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

Condition 15: Standard Requirement - Provide Information
Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 15.1:

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



Condition 16: General Condition - Right to Inspect
Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 16.1:

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

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

Condition 17: Standard Requirements - Progress Reports
Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 17.1:

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

- (i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and
- (ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 18: Off Permit Changes
Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 18.1:

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the



facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

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

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

Condition 19: Required Emissions Tests
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 19.1:

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

Condition 20: Accidental release provisions.
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement:40 CFR Part 68

Item 20.1:

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

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

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

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

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

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

Condition 21: Recycling and Emissions Reduction
Effective between the dates of 03/23/2011 and 03/22/2016



Applicable Federal Requirement:40CFR 82, Subpart F

Item 21.1:

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

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

Condition 22: Emission Unit Definition
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 22.1:

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

Emission Unit: 1-MCENG

Emission Unit Description:

This emission unit consists of seven (7) Caterpillar 3516 (Process MC1) reciprocating internal combustion (IC) engine generator sets. The seven (7) Caterpillar 3516 IC engines are housed in building BLDG1. The seven (7) Caterpillar 3516 IC engine exhaust stacks are identified as ENG01-ENG07 and aligned in a east to west direction with ENG01 being situated farthest to the east. The electricity that is produced by this equipment is sold on the open market to contract purchasers. The process MC1 engine radiator coolant (new and used) is stored in separate above ground holding tanks positioned on the premises of the landfill gas (LFG) fueled IC engine electricity generation process. The new and waste engine radiator coolant storage tanks have capacities of 1,000 gallons. Engine lube oil (new and used) is stored in separate above ground holding tanks positioned on the premises of the LFG fueled IC engine electricity generation process. The new lube oil storage tank has a capacity of 8,000 gallons. The waste oil storage tank has a capacity of 2,000 gallons. The engine coolant and oil storage tanks are exempt from permitting pursuant to 6NYCRR Part 201-3.1(b).

All seven 3516 IC engines are fueled with treated LFG that is produced by the decomposition of municipal solid waste in a nearby landfill. An LFG treatment system is utilized.

Building(s): BLDG1

Item 22.2:

New York State Department of Environmental Conservation

Permit ID: 9-2924-00110/00002

Facility DEC ID: 9292400110



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

Emission Unit: 2-MCENG

Emission Unit Description:

This emission unit consists of four (4) Caterpillar G3520C (Process 001) reciprocating internal combustion (IC) engine generator sets. The four (4) Caterpillar G3520C IC engines are housed in building ENGBLD. The four (4) Caterpillar G3520C IC engine exhaust stacks are identified as ENG08-ENG11 and aligned in a east to west direction with ENG08 being situated farthest to the east. The electricity that is produced by this equipment is sold on the open market to contract purchasers. The process 001 engine radiator coolant (new and used) is stored in separate above ground holding tanks positioned on the premises of the landfill gas (LFG) fueled IC engine electricity generation process. The new and waste engine radiator coolant storage tanks have capacities of 1,000 gallons. Engine lube oil (new and used) is stored in separate above ground holding tanks positioned on the premises of the LFG fueled IC engine electricity generation process. The new lube oil storage tank has a capacity of 10,000 gallons. The waste oil storage tank has a capacity of 2,000 gallons. The engine coolant and oil storage tanks are exempt from permitting pursuant to 6NYCRR Part 201-3.1(b).

All four G3520C IC engines are fueled with treated LFG that is produced by the decomposition of municipal solid waste in a nearby landfill. An LFG treatment system is utilized.

Building(s): ENGBLDG

Condition 23: Air pollution prohibited
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement:6 NYCRR 211.1

Item 23.1:

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

Condition 24: Compliance Certification
Effective between the dates of 03/23/2011 and 03/22/2016

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

New York State Department of Environmental Conservation

Permit ID: 9-2924-00110/00002

Facility DEC ID: 9292400110



Item 24.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MCENG

Emission Unit: 2-MCENG

Item 24.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one 6 minute period per hour of not more than 27 percent opacity. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the Method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up Method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

New York State Department of Environmental Conservation

Permit ID: 9-2924-00110/00002

Facility DEC ID: 9292400110



Monitoring Frequency: WEEKLY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 25: Modification Notification
Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 25.1:

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

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

Condition 26: Recordkeeping requirements.
Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 26.1:

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

Condition 27: Compliance Certification
Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 27.1:

The Compliance Certification activity will be performed for the Facility.

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Affected owners or operators shall submit an excess emissions report and/or a summary report form (as defined in 40 CFR 60.7(d)) semi-annually (or more frequently as



required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be post marked no later than 30 days after each six (6) month period (or as appropriate), and shall contain the following information:

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

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2011.

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

Condition 28: Excess emissions report.
Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 28.1:

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 29: Monitoring frequency waiver.
Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 29.1: Notwithstanding the frequency of reporting requirements specified in paragraph (c) of this section, an owner or operator who is required by an applicable subpart to submit excess emissions and monitoring systems performance reports (and summary reports) on a quarterly (or more frequent) basis may reduce the frequency of reporting for that standard to semiannual if the conditions in 40 CFR 60.7(e) are met.



Condition 30: Facility files for subject sources.
Effective between the dates of 03/23/2011 and 03/22/2016

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: Notification Similar to State or Local Agency
Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 31.1:

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

Condition 32: Performance testing timeline.
Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 32.1:

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

Condition 33: Performance test methods.
Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 33.1:

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 34: Required performance test information.
Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 34.1:

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



Condition 35: Prior notice.
Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 35.1:
The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

Condition 36: Performance testing facilities.
Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 36.1:
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 37: Number of required tests.
Effective between the dates of 03/23/2011 and 03/22/2016

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

Item 37.1:
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 38: Availability of information.
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 38.1:
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 39: Opacity standard compliance testing.
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A

Item 39.1:
The following conditions shall be used to determine compliance with the opacity standards:



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

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

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

Condition 40: Circumvention.

Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A

Item 40.1:

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 41: Modifications.

Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement: 40CFR 60.14, NSPS Subpart A

Item 41.1:

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

Condition 42: Reconstruction

Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement: 40CFR 60.15, NSPS Subpart A

Item 42.1:

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

- 1) a notice of intent to reconstruct 60 days prior to the action;
- 2) name and address of the owner or operator;
- 3) the location of the existing facility;
- 4) a brief description of the existing facility and the components to be replaced;
- 5) a description of the existing air pollution control equipment and the proposed air pollution control equipment;



6) an estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new facility;

7) the estimated life of the facility after the replacements; and

8) a discussion of any economic or technical limitations the facility may have in complying with the applicable standards of performance after the proposed replacements.

Condition 43: Compliance Certification
Effective between the dates of 03/23/2011 and 03/22/2016

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

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

Item 43.2:
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.

The following provides a general description of the landfill gas (LFG) treatment system used at the Model City Energy Facility. There are two similar systems, one at Model City Energy (CAT G3516 engine generator sets) and one at Modern Innovative Energy (CAT G3520C engine generators sets).

The equipment and processes that treat (de-water, filter and compress) LFG received from the landfill (prior to its combustion as fuel in the IC engines) consist of:

1. An initial inlet filter, which is used to remove liquid aerosols and solid particulates from the gas;
2. Gas blowers, which are used to compress the gas to a required pressure;
3. A water-to-gas cooler (heat exchanger), which will be used to reduce the elevated temperatures of LFG received from the compressor;
4. A second filter, which is used to remove liquid aerosols and solid particulates from the gas;
5. A glycol scrubber (closed system with no atmospheric



vents), which is used to remove moisture and other impurities from the gas; and
6. A third (and final) filter, which is used to remove liquid aerosols and solid particulates from the gas.

Components of the specified gas treatment system are not equipped with atmospheric vents. Therefore, all of the LFG received by the system is directed to the IC engines for use as a fuel.

Initial (primary) filter vessel vacuum pressure: The pressure on the vacuum side of the gas mover (inlet of the gas flow through the vessel) is continuously monitored with a pressure switch. The existence of elevated pressures indicates that the filter is wet, loaded with particulate matter or significant accumulation of condensate is present in the vessel. The pressure at the primary coalescing filter (vacuum side of blower) should be equal to or less than 20 inches of water.

The primary filter typically operates without any noticeable condensate accumulation (no water is typically present in the vessel).

If the vacuum pressure drop at the primary coalescing filter is observed to be greater than 20 inches of water, the filter will be replaced and/or investigations will be performed to evaluate potential malfunctions of upstream landfill gas dewatering equipment.

The replacement filters will be of comparable design for critical air or gas service applications where high-efficiency removal of oil or water droplets and particulate solids is required. The primary filter is rated for particulate matter removal to 5.0 microns.

Second filter vessel differential pressure: The pressure drop across the second coalescing filter (inlet and outlet of the gas flow through the vessel) is continuously monitored with a pressure differential switch. Large differential pressures (dP) indicate that the filter is wet or loaded with particulate matter and should be replaced. The dP at the second filter (pressure side of blower and downstream of gas cooler) should be equal to or less than 2.0 pounds per square inch differential (psid).

If the pressure drop across the polishing coalescing filter is greater than 2.0 psid, the filter will be replaced and/or investigations will be performed to



evaluate potential malfunctions of upstream landfill gas dewatering equipment.

The replacement filters will be of comparable designed for critical air or gas service applications where high-efficiency removal of oil or water droplets and particulate solids is required. The second filter is rated for particulate matter removal to 1.0 micron.

Third (polishing) filter vessel differential pressure: The pressure drop across the polishing coalescing filter (inlet and outlet of the gas flow through the vessel) is continuously monitored with a pressure differential switch. Large differential pressures (dP) indicate that the filter is wet or loaded with particulate matter and should be replaced. The dP at the polishing filter (pressure side of blower and downstream of the gas cooler) should be equal to or less than 2.0 psid.

If the pressure drop across the polishing coalescing filter is greater than 2.0 psid, the filter will be replaced and/or investigations will be performed to evaluate potential malfunctions of upstream landfill gas dewatering equipment.

The replacement filters will be of comparable designed for critical air or gas service applications where high-efficiency removal of oil or water droplets and particulate solids is required. The polishing filter is rated for particulate matter removal to 0.1 micron.

Blower discharge pressure (gas compression): The pressure of the gas in the treatment system is continuously monitored with a pressure switch that is located before (upstream) of the water-to-gas cooler. The landfill gas treatment system (blower) should be operated so that the minimum pressure observed at the specified monitoring location is at least 1.5 pounds per square inch gauge (psig). Pressures measured before the water-to-gas cooler that are less than 1.5 psig are an indication of problems with the gas compression system.

If the pressure of the gas in the treatment system monitored before the water-to-gas cooler is less than 1.5 psig, an investigation of the equipment will be performed and corrective actions implemented.

Water-to-gas cooler outlet temperature: The temperature



of the gas in the treatment system is continuously monitored with a temperature switch that is located before (upstream) of the second filter vessel. The landfill gas treatment system (water-to-gas cooler) should be operated so that the maximum temperature observed at the specified monitoring location is equal to or less than 45°F. Gas temperatures measured before the second filter vessel that are greater than 45°F are an indication of problems with the operation of the water-to-gas cooler.

If the temperature of the gas in the treatment system monitored after the polishing filter vessel is greater than 45°F, an investigation of the water-to-gas cooler will be performed and corrective actions implemented.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2011.
Subsequent reports are due every 6 calendar month(s).

**** Emission Unit Level ****

Condition 44: Emission Point Definition By Emission Unit
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 44.1:

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

Emission Unit: 1-MCENG

Emission Point: ENG01

Height (ft.): 26 Diameter (in.): 12
NYTMN (km.): 4791.844 NYTME (km.): 176.639 Building: BLDG1

Emission Point: ENG02

Height (ft.): 26 Diameter (in.): 12
NYTMN (km.): 4791.844 NYTME (km.): 176.633 Building: BLDG1

Emission Point: ENG03

Height (ft.): 26 Diameter (in.): 12
NYTMN (km.): 4791.844 NYTME (km.): 176.628 Building: BLDG1

Emission Point: ENG04

Height (ft.): 26 Diameter (in.): 12
NYTMN (km.): 4791.844 NYTME (km.): 176.622 Building: BLDG1

Emission Point: ENG05

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Height (ft.): 26 Diameter (in.): 12
NYTMN (km.): 4791.844 NYTME (km.): 176.618 Building: BLDG1

Emission Point: ENG06
Height (ft.): 26 Diameter (in.): 12
NYTMN (km.): 4791.845 NYTME (km.): 176.612 Building: BLDG1

Emission Point: ENG07
Height (ft.): 26 Diameter (in.): 12
NYTMN (km.): 4791.844 NYTME (km.): 176.607 Building: BLDG1

Item 44.2:

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

Emission Unit: 2-MCENG

Emission Point: ENG08
Height (ft.): 35 Diameter (in.): 16
NYTMN (km.): 4791.8 NYTME (km.): 176.639 Building: ENGBLDG

Emission Point: ENG09
Height (ft.): 35 Diameter (in.): 16
NYTMN (km.): 4791.8 NYTME (km.): 176.632 Building: ENGBLDG

Emission Point: ENG10
Height (ft.): 35 Diameter (in.): 16
NYTMN (km.): 4791.8 NYTME (km.): 176.624 Building: ENGBLDG

Emission Point: ENG11
Height (ft.): 35 Diameter (in.): 16
NYTMN (km.): 4791.8 NYTME (km.): 176.615 Building: ENGBLDG

**Condition 45: Process Definition By Emission Unit
Effective between the dates of 03/23/2011 and 03/22/2016**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 45.1:

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

Emission Unit: 1-MCENG
Process: MC1 Source Classification Code: 2-01-008-02

Process Description:
Process MC1 consists of seven (7) Caterpillar 3516 reciprocating internal combustion (IC) engine generator sets. At an IC engine maximum LHV input rate of 8.6 MMBtu/hr and minimum fuel heating value requirement of 350 Btu/scf LHV, the maximum fuel use rate for the Caterpillar 3516 IC engine is approximately 410 scfm.

Emission Source/Control: 01ENG - Combustion
Design Capacity: 835 kilowatts

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Emission Source/Control: 02ENG - Combustion
Design Capacity: 835 kilowatts

Emission Source/Control: 03ENG - Combustion
Design Capacity: 835 kilowatts

Emission Source/Control: 04ENG - Combustion
Design Capacity: 835 kilowatts

Emission Source/Control: 05ENG - Combustion
Design Capacity: 835 kilowatts

Emission Source/Control: 06ENG - Combustion
Design Capacity: 835 kilowatts

Emission Source/Control: 07ENG - Combustion
Design Capacity: 835 kilowatts

Item 45.2:

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

Emission Unit: 2-MCENG

Process: 001

Source Classification Code: 2-01-008-02

Process Description:

Process 001 consists of four (4) Caterpillar G3520C reciprocating internal combustion (IC) engine generator sets. At an IC engine maximum LHV input rate of 15.09 MMBtu/hr and minimum fuel heating value requirement of 350 Btu/scf LHV, the maximum fuel use rate for the Caterpillar G3520C IC engine is approximately 719 scfm. A 100 kilowatt (kW) IC engine generator is operated to supply Process 001 with limited temporary power when utility outages occur. The emergency generator is powered with diesel fuel that is supplied from a 200 gallon above ground storage tank.

Emission Source/Control: 08ENG - Combustion
Design Capacity: 1,600 kilowatts

Emission Source/Control: 09ENG - Combustion
Design Capacity: 1,600 kilowatts

Emission Source/Control: 10ENG - Combustion
Design Capacity: 1,600 kilowatts

Emission Source/Control: 11ENG - Combustion
Design Capacity: 1,600 kilowatts

Condition 46: Emission Unit Permissible Emissions
Effective between the dates of 03/23/2011 and 03/22/2016



Applicable Federal Requirement:6 NYCRR 201-7.1

Item 46.1:

The sum of emissions from all regulated processes specified in this permit for the emission unit cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: 1-MCENG

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 54.79 pounds per hour

480,000 pounds per year

Emission Unit: 2-MCENG

CAS No: 000630-08-0

Name: CARBON MONOXIDE

PTE(s): 54.79 pounds per hour

480,000 pounds per year

Emission Unit: 1-MCENG

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 21.689 pounds per hour

190,000 pounds per year

Emission Unit: 2-MCENG

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

PTE(s): 21.689 pounds per hour

190,000 pounds per year

**Condition 47: Capping Monitoring Condition
Effective between the dates of 03/23/2011 and 03/22/2016**

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 47.1:

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:

40 CFR 52.21

Item 47.2:

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



Item 47.3:

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 47.4:

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 47.5:

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 47.6:

The Compliance Certification activity will be performed for:

Emission Unit: 1-MCENG

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 47.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

This condition applies to the seven Model 3516 engines and the stationary combustion sources at Modern Landfill.

Model City Energy Facility has accepted a cap of 240 tons per year of Carbon Monoxide (CO) on the seven Model 3516 engines and the stationary combustion sources at Modern Landfill. Operation of the engines below the permitted CO emission rates will ensure emissions do not exceed the applicability threshold of Prevention of Significant Deterioration (40CFR52.21). The facility must calculate and record the 12-month rolling total CO emissions from stationary combustion sources at modern landfill and the seven Model 3516 engines. Emissions from Modern Landfill will be determined by monitoring the amount of fuel used at the facility and applying emission factors approved by the Department. 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 CO emissions from the engines. The emissions factor is calculated as follows: lb/hr CO emission rate measured during stack test divided by the kwh output from the engine during the test equals the lb/kwh emission factor. CO emissions are calculated as kwh multiplied by the lb/kwh emissions factor equals lb/month (then converted to tons/month).

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 240 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.

The initial report is due 7/30/2011.

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

Condition 48: Capping Monitoring Condition
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 48.1:

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:

6 NYCRR Subpart 231-2

Item 48.2:

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

Item 48.3:

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 48.4:

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 48.5:

New York State Department of Environmental Conservation

Permit ID: 9-2924-00110/00002

Facility DEC ID: 9292400110



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 48.6:

The Compliance Certification activity will be performed for:

Emission Unit: 1-MCENG

Regulated Contaminant(s):

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

Item 48.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

This condition applies to the seven Model 3516 engines and the stationary combustion sources at Modern Landfill.

Model City Energy Facility has accepted a cap of 95 tons per year of Oxides of Nitrogen (NOx) on the seven Model 3516 engines and the stationary combustion sources at Modern Landfill. This cap will allow the engines to not be subject to the New Source Review (NSR) regulations. The facility must calculate and record the 12-month rolling total NOx emissions from stationary combustion sources at modern landfill and the seven Model 3516 engines. Emissions from Modern Landfill will be determined by monitoring the amount of fuel used at the facility and applying emission factors approved by the Department. 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.

The initial report is due 7/30/2011.



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

Condition 49: Compliance Certification
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement: 6 NYCRR Subpart 257-4

Item 49.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-MCENG

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 49.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The emission limits of the 3516 internal combustion engines for carbon monoxide (CO) is 2.60 g/bhp-hr. This emission limit is the conservative emission limit based on the results of the May 2007 emission tests performed on the 3516 engine operated at the Model City Energy Facility. The emission limits were used to assess compliance and applicability to New Source Review (6NYCRR Part 231-2), and Prevention of Significant Deterioration (40CFR52.21). The Department requires routine performance testing and periodic monitoring of the internal combustion engines to confirm the engines consistently operate within the design criteria.

Compliance Certification shall include the following monitoring:

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) calculations 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

- 1.) A performance test to demonstrate compliance with the emission limits of NO_x and CO must be completed, at a minimum, every five years on one 3516 engine at the facility. More frequent performance testing may be required as determined necessary by the Department.
- 2.) The specific engine to be tested will be selected by the Department. The test must be completed at the maximum normal operating load.
- 3.) The methods used to measure NO_x and CO shall include EPA Methods 7 or 7E and EPA Method 19 from 40CFR60, Appendix A or another reference method approved by the Department.
- 4.) 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.



5.) A performance test report of the results shall be submitted to this office within 45 days of completion of the test. The test report must include a data quality review, which consists of a separate independent data quality review completed by a person having demonstrated expertise in reviewing stack test reports and associated test procedures. The ultimate purpose of this review is to determine acceptability of the results for determining compliance with applicable standards and/or requirements. The data quality review report must include the following:

- a.) Whether test methods used followed those contained in the approved protocol and where variations occurred their acceptability under the test methods.
- b.) Where problems occurred during testing, what corrective measures were used and the adequacy of those measures.
- c.) Determination whether data quality is adequate for determining compliance with performance specifications.
- d.) Determine whether the testing demonstrates compliance or noncompliance with emission limits and/or performance requirements.

Parameter Monitored: CARBON MONOXIDE
Upper Permit Limit: 2.60 grams per brake horsepower-hour
Monitoring Frequency: MONTHLY
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.
The initial report is due 7/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 50: Capping Monitoring Condition
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 50.1:

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:

6 NYCRR Subpart 231-2



Item 50.2:

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

Item 50.3:

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 50.4:

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 50.5:

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 50.6:

The Compliance Certification activity will be performed for:

Emission Unit: 2-MCENG

Regulated Contaminant(s):

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

Item 50.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

This condition applies to the four Model G3520C engines.

Model City Energy Facility has accepted a cap of 95 tons per year of Oxides of Nitrogen (NO_x) on the four Model G3520C engines. 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 NO_x emissions from the engines. The emissions factor is calculated as follows: lb/hr NO_x emission rate measured during stack test divided by the kwh output from

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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.

The initial report is due 7/30/2011.

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

Condition 51: Capping Monitoring Condition
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 51.1:

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:

40 CFR 52.21

Item 51.2:

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

Item 51.3:

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 51.4:

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 51.5:

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 51.6:

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The Compliance Certification activity will be performed for:

Emission Unit: 2-MCENG

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 51.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

This condition applies to the four Model G3520C engines.

Model City Energy Facility has accepted a cap of 240 tons per year of Carbon Monoxide (CO) on the four Model G3520C engines. Operation of the engines below the permitted CO emission rates will ensure emissions do not exceed the applicability threshold of Prevention of Significant Deterioration (40CFR52.21). 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 CO emissions from the engines. The emissions factor is calculated as follows: lb/hr CO emission rate measured during stack test divided by the kwh output from the engine during the test equals the lb/kwh emission factor. CO emissions are calculated as kwh multiplied by the lb/kwh emissions factor equals lb/month (then converted to tons/month).

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 240 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.

The initial report is due 7/30/2011.

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

Condition 52: Compliance Certification

Effective between the dates of 03/23/2011 and 03/22/2016

Applicable Federal Requirement: 6 NYCRR Subpart 257-4

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-MCENG



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

Item 52.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The emission limits of the G3520C internal combustion engines for carbon monoxide (CO) is 2.89 g/bhp-hr. This emission limit is the conservative emission limit based on the results of the May 2007 emission tests performed on the G3520C engine operated at the Model City Energy Facility. The emission limits were used to assess compliance and applicability to New Source Review (6NYCRR Part 231-2), and Prevention of Significant Deterioration (40CFR52.21). The Department requires routine performance testing and periodic monitoring of the internal combustion engines to confirm the engines consistently operate within the design criteria.

Compliance Certification shall include the following monitoring:

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) calculations 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

- 1.) A performance test to demonstrate compliance with the emission limits of NO_x and CO must be completed, at a minimum, every five years on one G3520C engine at the facility. More frequent performance testing may be required as determined necessary by the Department.
- 2.) The specific engine to be tested will be selected by the Department. The test must be completed at the maximum normal operating load.
- 3.) The methods used to measure NO_x and CO shall include EPA Methods 7 or 7E and EPA Method 19 from 40CFR60, Appendix A or another reference method approved by the Department.
- 4.) 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.
- 5.) A performance test report of the results shall be submitted to this office within 45 days of completion of the test. The test report must include a data quality review, which consists of a separate independent data quality review completed by a person having demonstrated expertise in reviewing stack test reports and associated test procedures. The ultimate purpose of this review is to determine acceptability of the results for determining compliance with applicable standards and/or requirements. The data quality review report must include the



following:

- a.) Whether test methods used followed those contained in the approved protocol and where variations occurred their acceptability under the test methods.
- b.) Where problems occurred during testing, what corrective measures were used and the adequacy of those measures.
- c.) Determination whether data quality is adequate for determining compliance with performance specifications.
- d.) Determine whether the testing demonstrates compliance or noncompliance with emission limits and/or performance requirements.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 2.89 grams per brake horsepower-hour

Monitoring Frequency: MONTHLY

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.

The initial report is due 7/30/2011.

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 53: Contaminant List
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable State Requirement:ECL 19-0301

Item 53.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

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



CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

**Condition 54: Unavoidable noncompliance and violations
Effective between the dates of 03/23/2011 and 03/22/2016**

Applicable State Requirement: 6 NYCRR 201-1.4

Item 54.1:

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.

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(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 55: Visible Emissions Limited
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable State Requirement:6 NYCRR 211.2

Item 55.1:

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.

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

Condition 56: Compliance Demonstration
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable State Requirement:6 NYCRR 227-2.4 (f) (2)

Item 56.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-MCENG

Regulated Contaminant(s):

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

Item 56.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The emission limit of the 3516 internal combustion engines for nitrogen oxides (NOx) is 1.05 grams per brake horsepower-hour (g/bhp-hr). This emission limit is the conservative emission limit based on the results of the May 2007 emission tests performed on the 3516 engine operated at the Model City Energy Facility. The emission limit was 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.

Compliance Certification shall include the following monitoring:

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) calculations 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.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 1.05 grams per brake horsepower-hour

New York State Department of Environmental Conservation

Permit ID: 9-2924-00110/00002

Facility DEC ID: 9292400110



Monitoring Frequency: MONTHLY
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.
The initial report is due 7/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 57: Compliance Demonstration
Effective between the dates of 03/23/2011 and 03/22/2016

Applicable State Requirement: 6 NYCRR 227-2.4 (f) (2)

Item 57.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-MCENG

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

Item 57.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The emission limits of the G3520C internal combustion engines for nitrogen oxides (NOx) is 0.60 grams per brake horsepower-hour (g/bhp-hr). This emission limit is the conservative emission limit based on the results of the May 2007 emission tests performed on the G3520C engine operated at the Model City Energy Facility. The emission limits 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.

Compliance Certification shall include the following monitoring:

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 NO_x (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 NO_x measurements in ppm, (3) calculations 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.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.60 grams per brake horsepower-hour

Monitoring Frequency: MONTHLY

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.

The initial report is due 7/30/2011.

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

