



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 4-4215-00027/00007
Effective Date: 11/04/2010 Expiration Date: No expiration date

Permit Issued To: CITY OF SCHENECTADY
105 JAY ST
SCHENECTADY, NY 12305

Contact: PAUL LAFOND
SCHENECTADY - C
CITY HALL
SCHENECTADY, NY 12305

Facility: SCHENECTADY - C STP
300 ANTHONY ST
SCHENECTADY, NY 12305

Description:

This permit is being issued to construct a digester gas fueled generator and combine all emission units, processes, and sources at the wastewater treatment plant under an Air State Facility Permit. Two caterpillar engines will be permitted for use under this permit one burning digester gas and the other fuel oil.

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: NANCY M BAKER
NYSDEC
1130 N WESTCOTT RD
SCHENECTADY, NY 12306-2014

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 4 HEADQUARTERS



DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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



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 4 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 4 Headquarters
Division of Environmental Permits
1130 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069

New York State Department of Environmental Conservation

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Facility DEC ID: 4421500027



Permit Under the Environmental Conservation Law (ECL)

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY
PERMIT**

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105 JAY ST
SCHENECTADY, NY 12305

Facility: SCHENECTADY - C STP
300 ANTHONY ST
SCHENECTADY, NY 12305

Authorized Activity By Standard Industrial Classification Code:
7389 - BUSINESS SERVICES, NEC

Permit Effective Date: 11/04/2010
date.

Permit Expiration Date: No expiration
date.



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 212.6 (a): Compliance Demonstration
- 2 6 NYCRR 225-1.8: Compliance Demonstration
- 3 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 4 40CFR 60.7(a), NSPS Subpart A: Date of construction notification - If a COM is not used.
- 5 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 6 40CFR 60.7(c), NSPS Subpart A: Compliance Demonstration
- 7 40CFR 60.7(d), NSPS Subpart A: Excess emissions report.
- 8 40CFR 60.7(e), NSPS Subpart A: Monitoring frequency waiver.
- 9 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 10 40CFR 60.7(g), NSPS Subpart A: Notification Similar to State or Local Agency
- 11 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 12 40CFR 60.8(b), NSPS Subpart A: Performance Test Methods - Waiver
- 13 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 14 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 15 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 16 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 17 40CFR 60.9, NSPS Subpart A: Availability of information.
- 18 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 19 40CFR 60.12, NSPS Subpart A: Circumvention.
- 20 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 21 40CFR 60.14, NSPS Subpart A: Modifications.
- 22 40CFR 60.15, NSPS Subpart A: Reconstruction
- 23 40CFR 60.4246, NSPS Subpart JJJJ: Subpart A provisions that apply to facilities subject to Subpart JJJJ
- 24 40CFR 63.6590(c), Subpart ZZZZ: Stationary RICE subject to Regulations under 40 CFR Part 60

Emission Unit Level

EU=0-CMPST,EP=SCRB1

- 25 6 NYCRR 212.4 (a): Compliance Demonstration
- 26 6 NYCRR 212.4 (b): Emissions from new emission sources and/or modifications not specified by Table 2
- 27 6 NYCRR 212.4 (c): Compliance Demonstration

EU=0-CMPST,EP=SCRB2

- 28 6 NYCRR 212.4 (a): Compliance Demonstration
- 29 6 NYCRR 212.4 (b): Emissions from new emission sources and/or modifications not specified by Table 2
- 30 6 NYCRR 212.4 (c): Compliance Demonstration

EU=0-GNRTR

- 31 6 NYCRR 227-1.3 (a): Compliance Demonstration



EU=0-GNRTR,Proc=DGS

- 32 40CFR 60.4233(e), NSPS Subpart JJJJ: Compliance Demonstration
- 33 40CFR 60.4233(e), NSPS Subpart JJJJ: Compliance Demonstration
- 34 40CFR 60.4233(f), NSPS Subpart JJJJ: Landfill and digester engines
- 35 40CFR 60.4243(a)(1), NSPS Subpart JJJJ: Compliance Demonstration
- 36 40CFR 60.4243(a)(2), NSPS Subpart JJJJ: Compliance Demonstration
- 37 40CFR 60.4245(a), NSPS Subpart JJJJ: Compliance Demonstration
- 38 40CFR 60.4245(a)(1), NSPS Subpart JJJJ: Compliance Demonstration
- 39 40CFR 60.4245(a)(2), NSPS Subpart JJJJ: Compliance Demonstration
- 40 40CFR 60.4245(a)(3), NSPS Subpart JJJJ: Compliance Demonstration
- 41 40CFR 60.4245(a)(4), NSPS Subpart JJJJ: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 42 ECL 19-0301: Contaminant List
- 43 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 44 6 NYCRR Subpart 201-5: Emission Unit Definition
- 45 6 NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 46 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 47 6 NYCRR Subpart 201-5: Process Definition By Emission Unit



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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6 NYCRR 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

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.

Item C: Maintenance of Equipment - 6 NYCRR 200.7

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.

Item D: Unpermitted Emission Sources - 6 NYCRR 201-1.2

If an existing emission source was subject to the permitting requirements of 6 NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: 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 F: Recycling and Salvage - 6 NYCRR 201-1.7

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 6 NYCRR.

Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8

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.

Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 201-3.2 (a)

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 6 NYCRR Subpart 201-3. 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 6 NYCRR Subpart 201-3, 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 I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR 201-3.3 (a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. 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 6 NYCRR Subpart 201-3, 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 J: Required Emission Tests - 6 NYCRR 202-1.1



An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6 NYCRR Subpart 202-1.

Item K: Visible Emissions Limited - 6 NYCRR 211.3

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.

Item L: Open Fires Prohibitions - 6 NYCRR 215.2

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item M: 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 N: 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.

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Compliance Demonstration
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 212.6 (a)

Item 1.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 1.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. 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,

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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.

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 2: Compliance Demonstration
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 225-1.8

Item 2.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 2.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner or operator of a facility which purchases and fires coal and/or fuel oil shall compile and retain records of the following information:

- a. fuel analyses and data on the quantities of all residual and distillate oil and coal received, burned or sold;
- b. the names of all purchasers of all residual and distillate oil and coal sold;
- c. any results of stack sampling, stack monitoring and other procedures used to ensure compliance with the provisions of 6 NYCRR Part 225-1.

Fuel analyses must contain, as a minimum, data on the sulfur content, specific gravity and heating value of any residual oil, distillate oil or coal received, burned or sold. Ash content shall also be included in the fuel analyses for any residual oil or coal received, burned or sold.

These records shall be retained for a minimum period of three years. If the facility is subject to Title V requirements the minimum record retention period shall be five years. The records shall be made available for inspection by department staff during normal business hours. In addition, copies of such records shall be furnished to department staff upon request. All required sampling, compositing and analysis of fuel samples must be done in accordance with methods acceptable to the department.

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Monitoring Frequency: PER DELIVERY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 12 calendar month(s).

Condition 3: EPA Region 2 address.
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 3.1:

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

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

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

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

Condition 4: Date of construction notification - If a COM is not used.
Effective between the dates of 11/04/2010 and Permit Expiration Date

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

Item 4.1:

Any owner or operator subject to this part shall furnish the Administrator with the following information:

- 1) a notification of the date construction or reconstruction commenced, post marked no later than 30 days after such date;
- 3) a notification of the actual date of initial start up, post marked within 15 days after such date;
- 4) 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 this part. 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, productive capability of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional information regarding the change;



5) a notification of the date upon which the demonstration of continuous monitoring system performance commences, post marked not less than 30 days prior to such date;

6) a notification of the anticipated date for conducting the opacity observations, post marked not less than 30 days prior to such date.

Condition 5: Recordkeeping requirements.
Effective between the dates of 11/04/2010 and Permit Expiration Date

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

Item 5.1:

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 6: Compliance Demonstration
Effective between the dates of 11/04/2010 and Permit Expiration Date

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

Item 6.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 6.2:

Compliance Demonstration 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 1/30/2011.

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

Condition 7: Excess emissions report.
Effective between the dates of 11/04/2010 and Permit Expiration Date

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

Item 7.1:

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 8: Monitoring frequency waiver.
Effective between the dates of 11/04/2010 and Permit Expiration Date

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

Item 8.1: 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 9: Facility files for subject sources.
Effective between the dates of 11/04/2010 and Permit Expiration Date

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

Item 9.1:

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 10: Notification Similar to State or Local Agency
Effective between the dates of 11/04/2010 and Permit Expiration Date

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



Item 10.1:

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 11: Performance testing timeline.
Effective between the dates of 11/04/2010 and Permit Expiration Date

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

Item 11.1:

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 12: Performance Test Methods - Waiver
Effective between the dates of 11/04/2010 and Permit Expiration Date

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

Item 12.1:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR Part 60 unless the Administrator (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, (3) approves the use of an alternate method the results of which he has determined to be adequate for indicating whether a specific source is in compliance, (4) waives the requirement for performance tests because the owner or operator of a source has demonstrated by other means to the Administrator's satisfaction that the affected facility is in compliance with the standard, or (5) approves shorter sampling times and smaller sample volumes when necessitated by process variables or other factors.

Condition 13: Required performance test information.
Effective between the dates of 11/04/2010 and Permit Expiration Date

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

Item 13.1:

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 14: Prior notice.
Effective between the dates of 11/04/2010 and Permit Expiration Date

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

Item 14.1:

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

Condition 15: Performance testing facilities.
Effective between the dates of 11/04/2010 and Permit Expiration Date



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

Item 15.1:

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 16: Number of required tests.
Effective between the dates of 11/04/2010 and Permit Expiration Date

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

Item 16.1:

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 17: Availability of information.
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 17.1:

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 18: Opacity standard compliance testing.
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A

Item 18.1:

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 19: Circumvention.
Effective between the dates of 11/04/2010 and Permit Expiration Date



Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Item 19.1:

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 20: Monitoring requirements.
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A

Item 20.1:

All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

Condition 21: Modifications.
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A

Item 21.1:

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 22: Reconstruction
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.15, NSPS Subpart A

Item 22.1:

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 23: Subpart A provisions that apply to facilities subject to Subpart JJJJ Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.4246, NSPS Subpart JJJJ

Item 23.1:

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

Condition 24: Stationary RICE subject to Regulations under 40 CFR Part 60 Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.6590(c), Subpart ZZZZ

Item 24.1: An affected source that is a new or reconstructed stationary RICE located at an area source must meet the requirements of 40 CFR 63 Subpart ZZZZ by meeting the requirements of 40 CFR Part 60 Subpart JJJJ, for spark ignition engines. No further requirements apply for such engines under this part.

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

Condition 25: Compliance Demonstration Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.4 (a)

Item 25.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-CMPST

Emission Point: SCRB1

Item 25.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

New York State Department of Environmental Conservation

Permit ID: 4-4215-00027/00007

Facility DEC ID: 4421500027



Condition 26: Emissions from new emission sources and/or modifications not specified by Table 2
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.4 (b)

Item 26.1:

This Condition applies to Emission Unit: 0-CMPST Emission Point: SCRB1

Item 26.2:

For gases and liquid particulates with an environmental rating of A, B, or C and for solid particulates with an environmental rating of A, where the emission rate potential is not shown in Table 2 the permissible emission rate shall be specified by the commissioner.

Condition 27: Compliance Demonstration
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 27.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-CMPST Emission Point: SCRB1

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

Item 27.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.050 grains per dscf

Reference Test Method: EPA Method 5

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 28: Compliance Demonstration
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.4 (a)

Item 28.1:

New York State Department of Environmental Conservation

Permit ID: 4-4215-00027/00007

Facility DEC ID: 4421500027



The Compliance Demonstration activity will be performed for:

Emission Unit: 0-CMPST

Emission Point: SCRB2

Item 28.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 29: Emissions from new emission sources and/or modifications not specified by Table 2 Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.4 (b)

Item 29.1:

This Condition applies to Emission Unit: 0-CMPST Emission Point: SCRB2

Item 29.2:

For gases and liquid particulates with an environmental rating of A, B, or C and for solid particulates with an environmental rating of A, where the emission rate potential is not shown in Table 2 the permissible emission rate shall be specified by the commissioner.

Condition 30: Compliance Demonstration Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 30.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-CMPST

Emission Point: SCRB2

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 30.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis.

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Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.050 grains per dscf
Reference Test Method: EPA Method 5
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 31: Compliance Demonstration
Effective between the dates of 11/04/2010 and Permit Expiration Date

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

Item 31.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-GNRTR

Item 31.2:

Compliance Demonstration 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-six-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.

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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
Reference Test Method: Method 9
Monitoring Frequency: DAILY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 12 calendar month(s).

Condition 32: Compliance Demonstration
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.4233(e), NSPS Subpart JJJJ

Item 32.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-GNRTR
Process: DGS

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

Item 32.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Owners and operators of stationary SI ICE with a maximum engine power greater than or equal to 75 KW (100 HP) (except gasoline and rich burn engines that use LPG) must comply with the emission standards listed below for their stationary SI ICE.

In addition, an initial performance test must be performed within 1 year of the engines initial startup and then conduct subsequent performance testing every 8,760 hours or 3 years, whichever comes first, thereafter to demonstrate compliance.

Upper Permit Limit: 0.5 grams per brake horsepower-hour

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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/02/2011 for the period 11/04/2010 through 05/03/2011

Condition 33: Compliance Demonstration
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.4233(e), NSPS Subpart JJJJ

Item 33.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-GNRTR

Process: DGS

Regulated Contaminant(s):

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

Item 33.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Owners and operators of stationary SI ICE with a maximum engine power greater than or equal to 75 KW (100 HP) (except gasoline and rich burn engines that use LPG) must comply with the emission standards listed below for their stationary SI ICE.

In addition, an initial performance test must be performed within 1 year of the engines initial startup and then conduct subsequent performance testing every 8,760 hours or 3 years, whichever comes first, thereafter to demonstrate compliance.

Upper Permit Limit: 3.0 grams per brake horsepower-hour

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (ANNIVERSARY)

Initial Report Due: 06/02/2011 for the period 11/04/2010 through 05/03/2011

Condition 34: Landfill and digester engines
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.4233(f), NSPS Subpart JJJJ

Item 34.1:

This Condition applies to Emission Unit: 0-GNRTR

Process: DGS

Item 34.2:



Facilities with stationary spark-ignition landfill or digester gas internal combustion engines with a maximum engine power greater than 19kW (25hp), that are modified or reconstructed after June 12, 2006, must comply with the same emission standards as those specified in §63.4233(e) for stationary landfill/digester gas engines.

Condition 35: Compliance Demonstration
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.4243(a)(1), NSPS Subpart JJJJ

Item 35.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-GNRTR
Process: DGS

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

Item 35.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

If you are an owner or operator of a stationary SI internal combustion engine that is manufactured after July 1, 2008, and must comply with the emission standards specified in §60.4233(a) through (c), you must comply by purchasing an engine certified to the emission standards in §60.4231(a) through (c), as applicable, for the same engine class and maximum engine power. You must also meet

the requirements as specified in 40 CFR part 1068, subparts A through D, as they apply to you. If you adjust engine settings according to and consistent with the manufacturer's instructions, your stationary SI internal combustion engine will not be considered out of compliance. In addition, you must meet one of the requirements specified below:

If you operate and maintain the certified stationary SI internal combustion engine and control device according to



the manufacturer's emission-related written instructions, you must keep records of conducted maintenance to demonstrate compliance, but no performance testing is required if you are an owner or operator.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 36: Compliance Demonstration
Effective between the dates of 11/04/2010 and Permit Expiration Date

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

Item 36.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-GNRTR
Process: DGS

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

Item 36.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If you are an owner or operator of a stationary SI internal combustion engine that is manufactured after July 1, 2008, and must comply with the emission standards specified in §60.4233(a) through (c), you must comply by purchasing an engine certified to the emission standards in §60.4231(a) through (c), as applicable, for the same engine class and maximum engine power. You must also

meet

the requirements as specified in 40 CFR part 1068, subparts A through D, as they apply to you. If you adjust engine settings according to and consistent with the manufacturer's instructions, your stationary SI internal combustion engine will not be considered out of compliance. In addition, you must meet the



following:

If you do not operate and maintain the certified stationary SI internal combustion engine and control device according to the manufacturer's emission-related written instructions, your engine will be considered a non-certified engine, and you must demonstrate compliance according to the following:

If you are an owner or operator of a stationary SI internal combustion engine greater than or equal to 100 HP and less than or equal to 500 HP, you must keep a maintenance plan and records of conducted maintenance

and

must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, you must conduct an initial performance test within 1 year of engine startup to demonstrate compliance.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 37: Compliance Demonstration
Effective between the dates of 11/04/2010 and Permit Expiration Date

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

Item 37.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-GNRTR
Process: DGS

Item 37.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners or operators of stationary SI ICE must meet the following notification, reporting and recordkeeping



requirements.

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

(2) Maintenance conducted on the engine.

(3) If the stationary SI internal combustion engine is a certified engine, documentation from the manufacturer that the engine is certified to meet the emission standards and information as required in 40 CFR parts 90, 1048, 1054, and 1060, as applicable

(4) If the stationary SI internal combustion engine is not a certified engine or is a certified engine operating in a non-certified manner and subject to §60.4243(a)(2), documentation that the engine meets the emission standards.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 38: Compliance Demonstration
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.4245(a)(1), NSPS Subpart JJJJ

Item 38.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-GNRTR
Process: DGS

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

Item 38.2:

Compliance Demonstration shall include the following monitoring:



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners and operators of all stationary SI ICE must keep records of all notifications submitted to comply with this subpart and all documentation supporting any notification.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 39: Compliance Demonstration
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.4245(a)(2), NSPS Subpart JJJJ

Item 39.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-GNRTR
Process: DGS

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

Item 39.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners and operators of all stationary SI ICE must keep records of the maintenance conducted on the engine.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 40: Compliance Demonstration
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.4245(a)(3),



NSPS Subpart JJJJ

Item 40.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-GNRTR

Process: DGS

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 40.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners and operators of all certified stationary spark ignition internal combustion engines must keep documentation from the manufacturer that the engine is certified to meet the emission standards and information as required in 40 CFR parts 90, 1048, 1054, and 1060, as applicable.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 41: Compliance Demonstration

Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.4245(a)(4), NSPS Subpart JJJJ

Item 41.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-GNRTR

Process: DGS

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 41.2:



Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners and operators of all non-certified stationary spark ignition internal combustion engines or certified engines operating in a non-certified manner and subject to §60.4243(a)(2), must keep documentation that the engine meets the emission standards.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



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: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1), and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

Item B: 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 only enforceable.



Condition 42: Contaminant List

Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 42.1:

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: 0NY075-00-0
Name: PARTICULATES

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

Condition 43: Unavoidable noncompliance and violations

Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 201-1.4

Item 43.1:

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 superseded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

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

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

Condition 44: Emission Unit Definition
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 44.1:

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

Emission Unit: 0-CMPST

Emission Unit Description:

Emission unit consists of odor control system, and two screen conveyors used to process finished compost. The odor control system consists of two chemical packed bed scrubbers with individual stacks.

Item 44.2:

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

Emission Unit: 0-FLARE

Emission Unit Description:

Emission unit consists of flare used to burn digester gas when when engine is inoperable or when gas exceeds engine design capacity.

Item 44.3:

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

Emission Unit: 0-GNRTR

Emission Unit Description:

Emission unit includes two separate Generator Sets with individual exhaust stacks. One The Waukesha is to be continuously used for electricity generation and is fueled from digester gas. The primary purpose of the Caterpillar

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generator is for emergency backup power. The Caterpillar also is permitted to operate for peak shaving or other purposes, this is a diesel fueled generator.

Condition 45: Air pollution prohibited
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 211.2

Item 45.1:

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.

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

Condition 46: Emission Point Definition By Emission Unit
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 46.1:

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

Emission Unit: 0-CMPST

Emission Point: SCRB1

Height (ft.): 56

Diameter (in.): 36

NYTMN (km.): 4743.724 NYTME (km.): 588.433

Emission Point: SCRB2

Height (ft.): 56

Diameter (in.): 36

NYTMN (km.): 4743.724 NYTME (km.): 588.433

Item 46.2:

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

Emission Unit: 0-FLARE

Emission Point: FLR01

Height (ft.): 5 Diameter (in.): 4

Item 46.3:

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

Emission Unit: 0-GNRTR

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Facility DEC ID: 4421500027



Emission Point: GEN02
Height (ft.): 15 Diameter (in.): 8

Emission Point: GEN01
Height (ft.): 15 Diameter (in.): 8

Condition 47: Process Definition By Emission Unit
Effective between the dates of 11/04/2010 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 47.1:

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

Emission Unit: 0-CMPST
Process: SC1 Source Classification Code: 3-99-999-94

Process Description:

Two-stage, chemical packed bed scrubbers with induced draft fan treating 21,000 ACFM of in-vessel sludge composting facility odors (organic nitrogen and sulfur compounds) to non-detectable levels. Scrubber discharge treated in activated sludge system of wastewater treatment plant.

Emission Source/Control: SCRB1 - Process
Design Capacity: 21,000 cubic feet per minute

Item 47.2:

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

Emission Unit: 0-CMPST
Process: SC2 Source Classification Code: 3-99-999-94

Process Description:

Two-stage, chemical packed bed scrubbers with induced draft fan treating 25,000 ACFM of in-vessel sludge composting facility odors (organic nitrogen and sulfur compounds) to non-detectable levels. Scrubber discharge treated in activated sludge system of wastewater treatment plant.

Emission Source/Control: SCRB2 - Process
Design Capacity: 21,000 cubic feet per minute

Item 47.3:

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

Emission Unit: 0-FLARE
Process: FLR Source Classification Code: 3-99-999-94

Process Description:

Anaerobic digester facility gas flare system to combust low-grade methane gas, product from biological digestion of wastewater sludge.

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Facility DEC ID: 4421500027



Emission Source/Control: FLR01 - Process
Design Capacity: 51,300 cubic feet per hour

Item 47.4:

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

Emission Unit: 0-GNRTR
Process: DGS Source Classification Code: 3-99-999-94
Process Description:
Waukesha engine burning digester gas for production of
electricity.

Emission Source/Control: GEN01 - Combustion
Design Capacity: 400 brake horsepower

