PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 5-5344-00001/00016
Effective Date: 09/22/2009 Expiration Date: 09/21/2014

Permit Issued To:WHEELABRATOR HUDSON FALLS LLC
93 RIVER ST
HUDSON FALLS, NY 12839

Contact: MAURICE C HOLCOMB
WHEELABRATOR HUDSON FALLS LLC
93 RIVER ST
HUDSON FALLS, NY 12839
(518) 747-2390

Facility: WHEELABRATOR HUDSON FALLS
93 RIVER ST
HUDSON FALLS, NY 12839-1354

Description:
Wheelabrator Hudson Falls is a waste-to-energy facility. Municipal solid waste (MSW) is fired in two identical mass-burn refuse boilers. The high pressure steam from the boilers drives a turbine-generator set to produce electricity, which is sold commercially. Each combustion unit is equipped with a dry scrubber and an electrostatic precipitator for the removal of acid gases and particulate matter from the exhaust stream. In addition, mercury emissions are controlled by a powdered activated carbon (PAC) injection system on each combustion unit exhaust. The gases are exhausted through two individual flues in a common stack.

The facility consists of two identical emission units, designated U-00001 and U-00002. Each emission unit has one emission source, a chute-fed mass burn waterwall refractory MSW combustor. These emission sources are designated IDs 00001 and 00004, respectively. Each MSW combustor is controlled with a lime slurry dry scrubber (control IDs 00002 and 00005, respectively) in series with an electrostatic precipitator (control IDs 00003 and 00006, respectively). Each combustor-control train has one emission point (IDs 00001 and 00002, respectively). There are two processes associated with each emission unit; 1) the firing of natural gas as a supplemental fuel (process IDs 001 and 003, respectively); and 2) the firing of MSW (process IDs 002 and 004, respectively). The PAC injection systems are installed upstream of the dry scrubbers and designated emission source IDs 00007 and 00008, respectively.

The facility also has on site approximately 21 activities which are exempt from air permitting under 6 NYCRR Part 201. These include the following: stationary or portable combustion installations with a maximum heat input less than 10 mmBtu/hr, non-contact cooling water and a water treatment system for boiler water, storage tanks smaller than 10,000 gallons, horizontal petroleum storage tanks, silos for storing solid materials with vent controlled via bag house and a ventialation system for a laboratory. It should be noted that the exemption from permitting requirements does not excuse these activities from other

applicable regulatory requirements [refer to 6 NYCRR Subdivision 201-3.1(a)].

The facility is regulated under 40 CFR 52.21 and Subpart Cb of 40 CFR 60 (the MSW combustors are considered "large" for Subpart Cb applicability since they are each capable of firing more than 250 tons per day MSW). In addition, the existing non-federally enforceable emission limits, which were established based on health risk analyses, are regulated under 6 NYCRR Paragraph 617.11(d)(5). The permit also makes reference to 40 CFR 82, Subpart F (recycling and emission reduction provisions).

Federally and state regulated air pollutants from the facility include: formaldehyde, benzo(a)pyrene, carbon monoxide, PCB, dioxin/furan, lead, manganese, mercury, nickel, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, vanadium, zinc, sulfur dioxide, hydrogen chloride, hydrogen fluoride, sulfuric acid mist, chromium VI, selenium, total particulates, particulate matter (<10 microns), oxides of nitrogen, total VOC and polycyclic aromatic hydrocarbons.

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: MARC S MIGLIORE
NYSDEC
232 GOLF COURSE RD PO BOX 220
WARRENSBURG, NY 12885-0220

Authorized Signature: _____ Date: ___ / ___ / _____

Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for permit renewals, modifications and transfers

Permit modifications, suspensions or revocations by the Department

Permit modifications, suspensions or revocations by the Department

Facility Level

Submission of application for permit modification or renewal-REGION 5 SUBOFFICE - WARRENSBURG

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

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

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

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

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

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301.2(m)

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

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

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

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

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

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

Item 4.1:
The Department reserves the right to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

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

Condition 5: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6NYCRR 621.13

Item 5.1:
The Department reserves the right to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

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

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

Condition 6: Submission of application for permit modification or renewal-REGION 5 SUBOFFICE - WARRENSBURG
Applicable State Requirement: 6NYCRR 621.6(a)

Item 6.1:
Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 5 Sub-office
Division of Environmental Permits
232 Golf Course Road, PO Box 220
Warrensburg, NY 12885-0220
(518) 623-1281

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: WHEELABRATOR HUDSON FALLS LLC
93 RIVER ST
HUDSON FALLS, NY 12839

Facility: WHEELABRATOR HUDSON FALLS
93 RIVER ST
HUDSON FALLS, NY 12839-1354

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

Permit Effective Date: 09/22/2009 Permit Expiration Date: 09/21/2014

LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS
Facility Level

1 6NYCRR 200.6: Acceptable Ambient Air Quality
2 6NYCRR 201-6.5(a)(7): Fees
3 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
4 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
5 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
6 6NYCRR 202-2.1: Compliance Certification
7 6NYCRR 202-2.5: Recordkeeping requirements
8 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
9 6NYCRR 200.7: Maintenance of Equipment
10 6NYCRR 201-1.7: Recycling and Salvage
11 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
12 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
13 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
14 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
15 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
16 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
17 6NYCRR 201-6.5(f)(6): Off Permit Changes
18 6NYCRR 202-1.1: Required Emissions Tests
19 6NYCRR 211.3: Visible Emissions Limited
20 40CFR 68: Accidental release provisions.
21 40CFR 82, Subpart F: Recycling and Emissions Reduction
22 6NYCRR 201-6: Emission Unit Definition
23 6NYCRR 201-6.5(e): Compliance Certification
24 6NYCRR 231-2: Compliance Certification
25 40CFR 52.21(j)(2), Subpart A: Compliance Certification
26 40CFR 60.13(a), NSPS Subpart A: Continuous Monitoring Requirements
27 40CFR 60.13(e), NSPS Subpart A: Compliance Certification
28 40CFR 60.33b(a)(1)(i), NSPS Subpart Cb: Compliance Certification
29 40CFR 60.33b(a)(1)(iii), NSPS Subpart Cb: Compliance Certification
30 40CFR 60.33b(a)(2)(i), NSPS Subpart Cb: Compliance Certification
31 40CFR 60.33b(a)(3), NSPS Subpart Cb: Compliance Certification
32 40CFR 60.33b(a)(3), NSPS Subpart Cb: Compliance Certification
33 40CFR 60.33b(a)(4), NSPS Subpart Cb: Compliance Certification
34 40CFR 60.33b(b)(3)(i), NSPS Subpart Cb: Compliance Certification
35 40CFR 60.33b(b)(3)(i), NSPS Subpart Cb: Compliance Certification
36 40CFR 60.33b(b)(3)(ii), NSPS Subpart Cb: Compliance Certification
37 40CFR 60.33b(b)(3)(ii), NSPS Subpart Cb: Compliance Certification
38 40CFR 60.33b(c)(1)(ii), NSPS Subpart Cb: Compliance Certification
39 40CFR 60.34b(a), NSPS Subpart Cb: Compliance Certification
40 40CFR 60.35b, NSPS Subpart Cb: Operating Manual
41 40CFR 60.35b, NSPS Subpart Cb: Operator Training
42 40CFR 60.35b, NSPS Subpart Cb: Compliance Certification
43 40CFR 60.36b, NSPS Subpart Cb: Compliance Certification
44 40CFR 60.38b, NSPS Subpart Cb: Compliance and performance testing.
45 40CFR 60.39b(a), NSPS Subpart Cb: Compliance Certification

46 40CFR 60.58b, NSPS Subpart Eb: Compliance Certification
47 40CFR 60.58b, NSPS Subpart Eb: Compliance Certification
48 40CFR 60.58b, NSPS Subpart Eb: Compliance Certification
49 40CFR 60.58b, NSPS Subpart Eb: Compliance Certification

Emission Unit Level

50 6NYCRR 201-6: Emission Point Definition By Emission Unit
51 6NYCRR 201-6: Process Definition By Emission Unit
52 40CFR 60.34b(b), NSPS Subpart Cb: Compliance Certification
53 40CFR 60.34b(b), NSPS Subpart Cb: Compliance Certification
54 40CFR 60.33b(d), NSPS Subpart Cb: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

55 ECL 19-0301: Contaminant List
56 6NYCRR 201-1.4: Unavoidable noncompliance and violations
57 6NYCRR 211.2: Air pollution prohibited
58 6NYCRR 219-7.2: Compliance Demonstration
59 6NYCRR 219-7.2: Compliance Demonstration
60 6NYCRR 219-7.2: Compliance Demonstration
61 6NYCRR 617.11(d)(5): Facility Operation & Maintenance
62 6NYCRR 617.11(d)(5): Operation of Air Pollution Control Devices
63 6NYCRR 617.11(d)(5): Public Access to Records
64 6NYCRR 617.11(d)(5): Compliance Demonstration
65 6NYCRR 617.11(d)(5): Compliance Demonstration
66 6NYCRR 617.11(d)(5): Compliance Demonstration
67 6NYCRR 617.11(d)(5): Compliance Demonstration
68 6NYCRR 617.11(d)(5): Compliance Demonstration
69 6NYCRR 617.11(d)(5): Compliance Demonstration
70 6NYCRR 617.11(d)(5): Compliance Demonstration
71 6NYCRR 617.11(d)(5): Compliance Demonstration
72 6NYCRR 617.11(d)(5): Compliance Demonstration
73 6NYCRR 617.11(d)(5): Compliance Demonstration
74 6NYCRR 617.11(d)(5): Compliance Demonstration
75 6NYCRR 617.11(d)(5): Compliance Demonstration
76 6NYCRR 617.11(d)(5): Compliance Demonstration

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Condition 1: **Acceptable Ambient Air Quality**
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:6NYCRR 200.6

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

Condition 2: **Fees**
Effective between the dates of 09/22/2009 and 09/21/2014

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

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

Condition 3: **Recordkeeping and reporting of compliance monitoring**
Effective between the dates of 09/22/2009 and 09/21/2014

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

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

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

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

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

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

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

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

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

Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.
Effective between the dates of 09/22/2009 and 09/21/2014

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

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

Condition 5: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

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

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

Item 5.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
To meet the requirements of this facility permit with respect to reporting, the permittee must:

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

official for this facility.

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

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

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

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

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

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

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

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

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:6NYCRR 202-2.1

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:
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 7: Recordkeeping requirements
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:6NYCRR 202-2.5

Item 7.1:
(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 8: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:6NYCRR 215

Item 8.1:
No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, refuse, rubbish for salvage, or rubbish generated by industrial or commercial activities.

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

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

Condition 9: Maintenance of Equipment
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:6NYCRR 200.7

Item 9.1:
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 10: Recycling and Salvage
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:6NYCRR 201-1.7

Item 10.1:
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 11: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:6NYCRR 201-1.8

Item 11.1:
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 12: Exempt Sources - Proof of Eligibility
Effective between the dates of 09/22/2009 and 09/21/2014

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

Item 12.1:
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 13: Trivial Sources - Proof of Eligibility
Effective between the dates of 09/22/2009 and 09/21/2014

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

Item 13.1:
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 14: Standard Requirement - Provide Information
Effective between the dates of 09/22/2009 and 09/21/2014

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

Item 14.1:
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 15: General Condition - Right to Inspect
Effective between the dates of 09/22/2009 and 09/21/2014

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

Item 15.1:
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 16: Standard Requirements - Progress Reports
Effective between the dates of 09/22/2009 and 09/21/2014

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

Item 16.1:
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 17: Off Permit Changes
Effective between the dates of 09/22/2009 and 09/21/2014

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

Item 17.1:
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 18: Required Emissions Tests
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:6NYCRR 202-1.1

Item 18.1:
For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.

Condition 19: Visible Emissions Limited
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:6NYCRR 211.3

Item 19.1:
Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to

emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Condition 20: Accidental release provisions.
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 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 09/22/2009 and 09/21/2014

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 09/22/2009 and 09/21/2014

Applicable Federal Requirement:6NYCRR 201-6

Item 22.1:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-00001

Emission Unit Description:
This emission unit consists of one of two identical municipal waste combustors (Source ID 00001) followed by a powdered activated carbon (PAC) injection system (source ID 00007) for mercury control, a dry scrubber absorber (Source ID 00002) for acid gas control and an electrostatic precipitator (Source ID 00003) for particulate control. Each municipal waste combustor is discharged via a dedicated flue in a common stack

Building(s): 1

Item 22.2:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: U-00002
Emission Unit Description:
This emission unit consists of one of two identical municipal waste combustors (Source ID 00004) followed by a powdered activated carbon (PAC) injection system (Source ID 00008) for mercury control, a dry scrubber (Source ID 00005) for acid gas control and an electrostatic precipitator (Source ID 00006) for particulate control. Each municipal waste combustor discharged via a dedicated flue in a common stack.

Building(s): 1

Condition 23: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

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

Item 23.1:
The Compliance Certification activity will be performed for the Facility.

Item 23.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Requirements for compliance certifications with terms and conditions contained in this facility permit include the following:

i. Compliance certifications shall contain:
- the identification of each term or condition of the permit that is the basis of the certification;
- the compliance status;
- whether compliance was continuous or intermittent;
- the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;

- such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

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

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

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

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

The address for the RAPCE is as follows:

Region 5 Suboffice
232 Golf Course Road.
P.O. Box 220
Warrensburg, NY 12885-0220

The address for the BQA is as follows:

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

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

Condition 24: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:6NYCRR 231-2

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

Emission Unit: U-00001

Emission Unit: U-00002

Item 24.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The maximum annual potential (MAP) for NOx is 162 tons per year for each emission unit. This is based on the maximum allowable concentration of 205 ppm (dry, corrected to 7% O2) of NOx and an hourly design stack flow rate of 25,167 dscf (corrected to 7% oxygen). The MAP shall be modified if the above design or allowable criteria are changed.

Monitoring Frequency: CONTINUOUS
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 25: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 52.21(j)(2), Subpart A

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

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

Item 25.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
The emission limit for nitrogen oxides contained in the exhaust gases discharged to the atmosphere is 372 parts per million (dry, corrected to 7% oxygen).

Manufacturer Name/Model Number: Thermo Environmental Instruments Model 42-H
Upper Permit Limit: 372 parts per million by volume
(dry, corrected to 7% O2)
Reference Test Method: PS-2
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 26: Continuous Monitoring Requirements
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.13(a), NSPS Subpart A

Item 26.1: For the purposes of this section, 40 CFR Part 60.13, all continuous monitoring systems required under applicable subparts of 40 CFR Part 60 shall be subject to the provisions of this section, upon promulgation of performance specifications for continuous monitoring systems under appendix B to this part, 40 CFR Part 60, and, if the continuous monitoring system is used to demonstrate compliance with emission limits on a continuous basis, appendix F to this part, unless otherwise specified in an applicable subpart or by the Administrator.

Condition 27: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.13(e), NSPS Subpart A

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

Emission Unit: U-00001

Emission Unit: U-00002

Item 27.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Except for system breakdowns, repairs, calibration checks, and zero and span adjustments required under subdivision 40CFR60.13(d), all continuous monitoring systems shall be in continuous operation and shall meet minimum frequency of operation requirements as follows:

Continuous monitoring systems for measuring opacity shall complete a minimum of one cycle of sampling and analyzing for each successive 10-second period and one cycle of data recording for each successive 6-minute period.

Continuous monitoring systems for measuring emissions other than opacity shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 28: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.33b(a)(1)(i), NSPS Subpart Cb

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

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

Item 28.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Each affected MWC unit is required to meet an emission limit for particulate matter not to exceed 25 milligrams per dry standard cubic meter, corrected to 7 percent

oxygen. Compliance will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department. There are additional BACT limits of 27 milligrams per dry standard cubic meter (corrected to 7% oxygen) and 0.1 pounds per million Btus required under 40CFR 52.21(j)(2).

Upper Permit Limit: 25 milligrams per dry standard cubic meter (corrected to 7% oxygen)
Reference Test Method: 40 CFR 60 App A RM 5
Monitoring Frequency: ANNUALLY
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 29: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.33b(a)(1)(iii), NSPS Subpart Cb

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

Item 29.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The emission limit for opacity exhibited by the gases discharged to the atmosphere from a designated facility must not exceed 10 percent (6-minute average). Compliance with this limit shall be demonstrated using a continuous opacity monitor (COM) operated in accordance with a quality assurance/ quality control protocol approved by the Department. This limit is also required under 6NYCRR 617.11(d)(5).

Manufacturer Name/Model Number: Teledyne Monitor Labs Lighthawk 560
Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent
Reference Test Method: PS-1
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 30: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.33b(a)(2)(i), NSPS Subpart Cb

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

Regulated Contaminant(s):
CAS No: 007440-43-9 CADMIUM

Item 30.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Each affected MWC unit is required to meet an emission limit for cadmium not to exceed 35 micrograms per dry standard cubic meter, corrected to 7 percent oxygen. Compliance will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department. This limit is also required under 6NYCRR 617.11(d)(5).

Upper Permit Limit: 35 micrograms per dry standard cubic meter (corrected to 7% oxygen)
Reference Test Method: 40 CFR 60 App A RM29
Monitoring Frequency: ANNUALLY
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 31: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.33b(a)(3), NSPS Subpart Cb

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

Regulated Contaminant(s):
CAS No: 007439-97-6 MERCURY

Item 31.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Each affected MWC unit is required to meet the less stringent of either of the following: an emission limit for mercury not to exceed 50 micrograms per dry standard cubic meter, corrected to 7 percent oxygen or, an 85 percent reduction by weight of the potential mercury emission concentration. Compliance with the emission concentration limit will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department.

Upper Permit Limit: 50 micrograms per dry standard cubic meter (corrected to 7% oxygen)
Reference Test Method: 40 CFR 60 App A RM 29
Monitoring Frequency: ANNUALLY
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 32: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.33b(a)(3), NSPS Subpart Cb

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

Regulated Contaminant(s):
CAS No: 007439-97-6 MERCURY

Item 32.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Each affected MWC unit is required to meet the less stringent of either of the following: an emission limit for mercury not to exceed 50 micrograms per dry standard cubic meter, corrected to 7 percent oxygen or, an 85 percent reduction by weight of the potential mercury emission concentration. Compliance with the latter (percent reduction) limit will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department.

Lower Permit Limit: 85 percent reduction by weight
(corrected to 7% O2, dry basis)
Reference Test Method: 40 CFR 60 App A RM 29
Monitoring Frequency: ANNUALLY
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 33: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.33b(a)(4), NSPS Subpart Cb

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

Regulated Contaminant(s):
CAS No: 007439-92-1 LEAD

Item 33.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Each affected MWC unit is required to meet an emission limit for lead not to exceed 400 micrograms per dry standard cubic meter, corrected to 7 percent oxygen. Compliance will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department. There is an additional limit of 0.5 mg/dscm (corrected to 7% oxygen) required under 6NYCRR 617.11(d)(5).

Upper Permit Limit: 400 micrograms per dry standard cubic meter (corrected to 7% oxygen)
Reference Test Method: 40 CFR 60 App A RM29
Monitoring Frequency: ANNUALLY
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 34: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.33b(b)(3)(i), NSPS Subpart Cb

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

Regulated Contaminant(s):
CAS No: 007446-09-5 SULFUR DIOXIDE

Item 34.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
Each affected MWC unit is required to meet the less stringent of either of the following: an emission limit for sulfur dioxide not to exceed 29 parts per million by volume or 25 percent of the potential sulfur dioxide emission concentration (75-percent reduction by weight or volume), corrected to 7 percent oxygen (dry basis). Compliance with these limits is based on a 24-hour daily geometric mean. To demonstrate compliance with the percent reduction limit the owner or operator of the facility shall install, calibrate, maintain and operate a continuous emissions monitor for sulfur dioxide according toa QA/QC plan approved by the Department. There is an additional not to exceed limit of 35 parts per million, corrected to 7 percent oxygen (dry basis), or 25 percent of the potential sulfur dioxide emission concentration (75-percent reduction by weight or volume), corrected to 7 percent oxygen (dry basis) required under 40CFR 52.21(j)(2).

Manufacturer Name/Model Number: Anarand AR-30
Lower Permit Limit: 75 percent reduction by weight or volume (corrected to 7% O2, dry basis)
Reference Test Method: PS-2
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR DAILY AVERAGE (GEOMETRIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 35: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.33b(b)(3)(i), NSPS Subpart Cb

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 35.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
Each affected MWC unit is required to meet the less stringent of either of the following: an emission limit for sulfur dioxide not to exceed 29 parts per million by volume or 25 percent of the potential sulfur dioxide emission concentration (75-percent reduction by weight or volume), corrected to 7 percent oxygen (dry basis). Compliance with these limits is based on a 24-hour daily geometric mean. To demonstrate compliance with the emission limit the owner or operator of the facility shall install, calibrate, maintain and operate a continuous emissions monitor for sulfur dioxide according to a QA/QC plan approved by the Department. There is an additional not to exceed limit of 35 parts per million, corrected to 7 percent oxygen (dry basis), or 25 percent of the potential sulfur dioxide emission concentration (75-percent reduction by weight or volume), corrected to 7 percent oxygen (dry basis) required under 40CFR 52.21(j)(2).

Manufacturer Name/Model Number: Anarand AR-30
Upper Permit Limit: 29 parts per million by volume (dry, corrected to 7% O2)
Reference Test Method: PS-2
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR DAILY AVERAGE (GEOMETRIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 36: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.33b(b)(3)(ii), NSPS Subpart Cb

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

Regulated Contaminant(s):
CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 36.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Each affected MWC unit is required to meet the less stringent of either of the following: an emission limit for hydrogen chloride not to exceed 29 part per million by volume, corrected to 7 percent oxygen (dry basis) or, an 95 percent reduction by weight or volume of the potential hydrogen chloride emission concentration. Compliance with the emission standard will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department. There is an additional limit of either 35 ppmv or 95% reduction (by wt. or vol., corrected to 7% oxygen, dry basis) required under 6NYCRR 617.11(d)(5).

Lower Permit Limit: 95 percent reduction by weight or volume (corrected to 7% O2, dry basis)
Reference Test Method: EPA Method 26/26A
Monitoring Frequency: ANNUALLY
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 37: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.33b(b)(3)(ii), NSPS Subpart Cb

Item 37.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

Regulated Contaminant(s):
CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 37.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Each affected MWC unit is required to meet the less stringent of either of the following: an emission limit for hydrogen chloride not to exceed 29 part per million by volume, corrected to 7 percent oxygen (dry basis) or, an 95 percent reduction by weight or volume of the potential hydrogen chloride emission concentration. Compliance with the emission standard will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department. There is an additional limit of either 35 ppmv or 95% reduction (by wt. or vol., corrected to 7% oxygen, dry basis) required under 6NYCRR 617.11(d)(5).

Upper Permit Limit: 29 parts per million by volume (dry, corrected to 7% O2)
Reference Test Method: EPA Test Method 26/26A
Monitoring Frequency: ANNUALLY
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 38: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.33b(c)(1)(ii), NSPS Subpart Cb

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

Regulated Contaminant(s):
CAS No: 001746-01-6 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

Item 38.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Each affected MWC unit which employs an electrostatic precipitator for emission controls is required to meet an emission concentration limit for dioxin/furan not to exceed 35 nanograms per dry standard cubic meter (total mass), corrected to 7 percent oxygen. Compliance with the limit will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department.

Upper Permit Limit: 35 nanograms per dry standard cubic meter (total mass, corrected to 7% O2)
Reference Test Method: 40 CFR 60 App A RM 23
Monitoring Frequency: ANNUALLY
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 39: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.34b(a), NSPS Subpart Cb

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

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

Item 39.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
The emission limit for carbon monoxide contained in the exhaust gases discharged to the atmosphere is 100 parts per million (dry, corrected to 7% oxygen). This limit is also required under 40CFR 52.21(j)(2).

In addition, the source owner or operator shall not exceed, 6NYCRR 617.11(d)(5), minimum combustion index (CI) requirements of 99.5% and 99.8% based on 8-hour and 7-day running averages, respectively. Compliance with the 100 ppm CO limit also serves to demonstrate compliance with these CI limits. However, this condition does not eliminate the requirement to maintain CI records required by other permit conditions.

Manufacturer Name/Model Number: Anarand AR-50
Upper Permit Limit: 100 parts per million by volume
(dry, corrected to 7% O2)
Reference Test Method: PS4
Monitoring Frequency: CONTINUOUS
Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 40: Operating Manual
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.35b, NSPS Subpart Cb

Item 40.1:
The Permittee must develop and update on a yearly basis a site-specific operating manual that must, at a minimum, address the elements of municipal waste combustor unit operation specified below. This manual must be found acceptable by the Department.

(1) A summary of the applicable standards under 40 CFR 60, Subpart Cb;
(2) A description of basic combustion theory applicable to a municipal waste combustor;
(3) Procedures for receiving, handling, and feeding municipal solid waste;
(4) Municipal waste combustor unit startup, shutdown, and malfunction procedures;
(5) Procedures for maintaining proper combustion air supply levels;
(6) Procedures for operating the municipal waste combustor unit within the standards established under 40 CFR 60, Subpart Cb;
(7) Procedures for responding to periodic upset or off-specification conditions;
(8) Procedures for minimizing particulate matter carryover;
(9) Procedures for handling ash;
(10) Procedures for monitoring municipal waste combustor unit emissions; and
(11) Reporting and recording keeping procedures.

A training program shall be established to review the operating manual according to the schedule below, with each person who has responsibilities affecting the operation of a municipal waste combustor including, but not limited to, chief facility operators, shift supervisors, control room operators, ash handlers, maintenance personnel, and crane/load handlers. Training shall be completed as follows:

(1) Initial training shall be completed by the date prior to the day when the person assumes responsibilities affecting municipal waste combustor unit operation, and

(2) Annually, following the initial training.

The operating manual must be kept in a readily accessible location for all persons required to undergo training. The operating manual and records of training must be available for inspection by the Department upon request.

Condition 41: Operator Training
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.35b, NSPS Subpart Cb

Item 41.1:
All chief facility operators, shift supervisors, and control room operators must complete a municipal waste combustor operator training course which is acceptable to the Department prior to the date they assume responsibilities that affect operation of the municipal waste combustor unit. This requirement does not apply to chief facility operators, shift supervisors, and control room operators who have obtained full certification from the American Society of Mechanical Engineers on or before October 5, 1998. The owner or operator may request that the Department waive the requirements of this condition for chief facility operators, shift supervisors, and control room operators who have obtained only provisional certification from the American Society of Mechanical Engineers on or before October 5, 1998.

Condition 42: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.35b, NSPS Subpart Cb

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

Item 42.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

If both the certified chief facility operator and certified shift supervisor are unavailable, a provisionally certified control room operator on site at the municipal waste combustion unit may fulfill the certified operator requirement. Depending on the length of time that a certified chief facility operator and certified shift supervisor are away, the owner or operator of the affected facility must meet one of three criteria:

(1) When the certified chief facility operator and certified shift supervisor are both off site for 12 hours or less, and no other certified operator is on site, the provisionally certified control room operator may perform the duties of the certified chief facility operator or

certified shift supervisor.

(2) When the certified chief facility operator and certified shift supervisor are off site for more than 12 hours, but for two weeks or less, and no other certified operator is on site, the provisionally certified control room operator may perform the duties of the certified chief facility operator or certified shift supervisor without notice to, or approval by, the Department. However, the owner or operator of the affected facility must record the period when the certified chief facility operator and certified shift supervisor are off site and include that information in the annual report as specified under §60.59b(g)(5).

(3) When the certified chief facility operator and certified shift supervisor are off site for more than two weeks, and no other certified operator is on site, the provisionally certified control room operator may perform the duties of the certified chief facility operator or certified shift supervisor without approval by the Department. However, the owner or operator of the affected facility must take two actions:

(a) Notify the Department in writing. In the notice, state what caused the absence and what actions are being taken by the owner or operator of the facility to ensure that a certified chief facility operator or certified shift supervisor is on site as expeditiously as practicable.

(b) Submit a status report and corrective action summary to the Department every four weeks following the initial notification. If the Department provides notice that the status report or corrective action summary is disapproved, the municipal waste combustion unit may continue operation for 90 days, but then must cease operation. If corrective actions are taken in the 90-day period such that the Department withdraws the disapproval, municipal waste combustion unit operation may continue.

A provisionally certified operator who is newly promoted or recently transferred to a shift supervisor position or a chief facility operator position at the municipal waste combustion unit may perform the duties of the certified chief facility operator or certified shift supervisor without notice to, or approval by, the Department for up to six months before taking the ASME QRO certification exam.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 43: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.36b, NSPS Subpart Cb

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: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Discharge to the atmosphere of visible emissions of combustion ash from the ash conveying system (including conveyor transfer points) may not exceed 5 percent of the observation period (i.e. 9 minutes per 3-hour period), as determined by EPA Reference Method 22 observations. This emission limit does not cover visible emissions discharged inside buildings or enclosures of ash conveying systems: however, it does cover visible emissions discharged to the atmosphere from buildings or enclosures of ash conveying systems. This emission limit does not apply during maintenance and repair of ash conveying systems.

Parameter Monitored: OPACITY
Upper Permit Limit: 5 percent
Reference Test Method: EPA Ref. Method 22
Monitoring Frequency: ANNUALLY
Averaging Method: 9 MINUTES PER 3-HOUR PERIOD
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 44: Compliance and performance testing.
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.38b, NSPS Subpart Cb

Item 44.1:
This Condition applies to:

Emission Unit: U00001
Process: 002

Emission Unit: U00002
Process: 004

Item 44:
The Permittee shall meet the compliance and performance testing requirements listed in 40 CFR 60.58b as amended on May 10, 2006, as applicable, to determine compliance with the limits specified in this permit.

Item 44.2.3:
If the MWC achieves a dioxin/furan emission level of less than or equal to 15 nanograms per dry standard cubic meter (total mass), corrected to 7 percent oxygen, the alternative performance testing schedule for dioxins/furans specified in 40 CFR 60.58b(g)(5)(iii) may be used.

Condition 45: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.39b(a), NSPS Subpart Cb

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

Item 45.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The Permittee shall comply with the reporting and recordkeeping requirements listed in §60.59b of Subpart Eb, as applicable, excluding the siting requirements under §60.59b(a), (b)(5), and (d)(11).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 46: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.58b, NSPS Subpart Eb

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

Item 46.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
40CFR 60-Eb.58b(m)(1):

(m) The owner or operator of an affected facility where activated carbon injection is used to comply with the mercury emission limit under §60.52b(a)(5) (e.i.,

60-Cb.33b(a)(3)), and/or the dioxin/furan emission limits under §60.52(b)(c), or the dioxin/furan emission level specified in paragraph (g)(5)(iii) of this section shall follow the procedures specified in paragraphs (m)(1) through (m)(4) of this section.

(1) During the performance tests for dioxins/furans and mercury, as applicable, the owner or operator shall estimate an average carbon mass feed rate based on carbon injection system operating parameters such as the screw feeder speed, hopper volume, hopper refill frequency, or other parameters appropriate to the feed system being employed, as specified in paragraphs (m)(1)(i) and (m)(1)(ii) of this section.

(i) An average carbon mass feed rate in kilograms per hour or pounds per hour shall be estimated during the initial performance test for mercury emissions and each subsequent performance test for mercury emissions.

(ii) An average carbon mass feed rate in kilograms per hour or pounds per hour shall be estimated during the initial performance test for dioxin/furan emissions and each subsequent performance test for dioxin/furan emissions. If a subsequent dioxin/furan performance test is being performed on only one affected facility at the MWC plant, as provided in paragraph (g)(5)(iii) of this section, the owner or operator may elect to apply the same estimated average carbon mass feed rate from the tested facility for all the similarly designed and operated affected facilities at the MWC plant.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 47: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.58b, NSPS Subpart Eb

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

Item 47.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
40CFR 60-Eb.58b(m)(3) & (4):

(3) The owner or operator of an affected facility shall estimate the total carbon usage of the plant (kilograms or pounds) for each calendar quarter by two independent methods, according to the procedures in paragraphs (m)(3)(i) and (m)(3)(ii) of this section.

(i) The weight of carbon delivered to the plant.

(ii) Estimate the average carbon mass feed rate in kilograms per hour or pounds per hour for each hour of operation for each affected facility based on the parameters specified under paragraph (m)(1) of this section, and sum the results for all affected facilities at the plant for the total number of hours of operation during the calendar quarter.

(4) Pneumatic injection pressure or other carbon injection system operational indicator shall be used to provide additional verification of proper carbon injection system operation. The operational indicator shall provide an instantaneous visual and/or audible alarm to alert the operator of a potential interruption in the carbon feed that would not normally be indicated by direct monitoring of carbon mass feed rate (e.g. , continuous weight loss feeder) or monitoring of the carbon system operating parameter(s) that are the indicator(s) of carbon mass feed rate (e.g. , screw feeder speed). The carbon injection system operational indicator used to provide additional verification of carbon injection system operation, including basis for selecting the indicator and operator response to the indicator alarm, shall be included in section (e)(6) of the site-specific operating manual required under §60.54b(e) of this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 48: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.58b, NSPS Subpart Eb

Item 48.1:
The Compliance Certification activity will be performed for the Facility.

Item 48.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(a) The provisions for startup, shutdown, and malfunction are provided in paragraphs (a)(1) and (a)(2) of this section.

(1) The standards under this subpart apply at all times except during periods of startup, shutdown, and malfunction. Duration of startup, shutdown, or malfunction periods are limited to 3 hours per occurrence, except as provided in paragraph (a)(1)(iii) of this section. During periods of startup, shutdown, or malfunction, monitoring data shall be dismissed or excluded from compliance calculations, but shall be recorded and reported in accordance with the provisions of 40 CFR 60.59b(d)(7).

(i) The startup period commences when the affected facility begins the continuous burning of municipal solid waste and does not include any warmup period when the affected facility is combusting fossil fuel or other nonmunicipal solid waste fuel, and no municipal solid waste is being fed to the combustor.

(ii) Continuous burning is the continuous, semicontinuous, or batch feeding of municipal solid waste for purposes of waste disposal, energy production, or providing heat to the combustion system in preparation for waste disposal or energy production. The use of municipal solid waste solely to provide thermal protection of the grate or hearth during the startup period when municipal solid waste is not being fed to the grate is not considered to be continuous burning.

(iii) For the purpose of compliance with the carbon monoxide emission limits in §60.53b(a) (e.i., 60-Cb.34b(a)), if a loss of boiler water level control (e.g., boiler waterwall tube failure) or a loss of combustion air control (e.g., loss of combustion air fan, induced draft fan, combustion grate bar failure) is determined to be a malfunction, the duration of the malfunction period is limited to 15 hours per occurrence. During such periods of malfunction, monitoring data shall be dismissed or excluded from compliance calculations, but shall be recorded and reported in accordance with the provisions of §60.59b(d)(7).

§60.59b(d)(7):

Identification of each occurrence that sulfur dioxide emissions data, nitrogen oxides emissions data, particulate matter emissions data, cadmium emissions data, lead emissions data, mercury emissions data, hydrogen chloride emissions data, or dioxin/furan emissions data (for owners and operators who elect to continuously monitor particulate matter, cadmium, lead, mercury, or hydrogen chloride, or who elect to use continuous automated sampling systems for dioxin/furan or mercury emissions, instead of conducting performance testing using EPA manual test methods) or operational data (i.e. , carbon monoxide emissions, unit load, and particulate matter control device temperature) have been excluded from the calculation of average emission concentrations or parameters, and the reasons for excluding the data.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 49: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.58b, NSPS Subpart Eb

Item 49.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: 002

Emission Unit: U-00002
Process: 004

Item 49.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The carbon feeder screw speed (rpm), which is the primary indicator of the carbon mass feed rate must equal or exceed the level documented during the performance test (based on an 8-hour block average) specified under paragraphs(m)(1)(i) of this section or the corrected screw feeder speed obtained during periodic calibration.

Deviations from this level caused by short-term interruptions (e.g. , maintenance, calibration, malfunctions or other unavoidable conditions) may be excused, provided, during the subsequent portion of the averaging period, the required carbon mass feed rate is obtained. To minimize carbon injection system downtime, good engineering practices must always be applied.

The permitte shall report the calender dates when the screw speeds are below levels estimated during the performance test, with reasons of such occurrence and corrective actions. In addition, for the dates identified, the report shall include the hourly carbon mass feed rate data recorded under 40CFR60.59b (d)(4)(iii), with supporting calculations.

Parameter Monitored: CARBON
Lower Permit Limit: Perf. Test Level pounds per hour
Monitoring Frequency: CONTINUOUS
Averaging Method: 8-HOUR BLOCK - ARITHMETIC MEAN
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

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

Condition 50: Emission Point Definition By Emission Unit
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:6NYCRR 201-6

Item 50.1:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00001

Emission Point: 00001
Height (ft.): 316 Diameter (in.): 48
NYTMN (km.): 4795.685 NYTME (km.): 614.203

Item 50.2:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: U-00002

Emission Point: 00002
Height (ft.): 316 Diameter (in.): 48
NYTMN (km.): 4795.682 NYTME (km.): 614.209

Condition 51: Process Definition By Emission Unit

Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:6NYCRR 201-6

Item 51.1:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00001
Process: 001 Source Classification Code: 3-90-006-89
Process Description:
This process involves natural gas combustion during upset conditions and as supplemental fuel during startup and shutdown. In addition, this unit is operated on natural gas during warm up prior to introducing waste. All the emission limits and compliance are associated with process 002 for this emission unit.

Emission Source/Control: 00002 - Control
Control Type: WET LIME SLURRY SCRUBBING

Emission Source/Control: 00003 - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 00007 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: 00001 - Incinerator
Design Capacity: 275 tons per day
Waste Feed Method: CHUTE FED
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID WASTE

Item 51.2:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00001
Process: 002 Source Classification Code: 5-03-001-12
Process Description:
This process involves municipal solid waste and/or solid waste combustion (mass-burn) in a water wall refractory combustor to generate electricity for sale.

Emission Source/Control: 00002 - Control
Control Type: WET LIME SLURRY SCRUBBING

Emission Source/Control: 00003 - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 00007 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: 00001 - Incinerator
Design Capacity: 275 tons per day

Waste Feed Method: CHUTE FED
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID WASTE

Item 51.3:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00002
Process: 003 Source Classification Code: 3-90-006-89
Process Description:
This process involves natural gas combustion during upset conditions and as supplemental fuel during startup and shutdown. In addition, this unit is operated on natural gas during warm up prior to introducing waste. All the emission limits and compliance are associated with process 004 for this emission unit.

Emission Source/Control: 00005 - Control
Control Type: WET LIME SLURRY SCRUBBING

Emission Source/Control: 00006 - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 00008 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: 00004 - Incinerator
Design Capacity: 275 tons per day
Waste Feed Method: CHUTE FED
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID WASTE

Item 51.4:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: U-00002
Process: 004 Source Classification Code: 5-03-001-12
Process Description:
This process involves municipal solid waste and/or solid waste combustion (mass-burn) in a water wall refractory combustor to generate electricity for sale.

Emission Source/Control: 00005 - Control
Control Type: WET LIME SLURRY SCRUBBING

Emission Source/Control: 00006 - Control
Control Type: ELECTROSTATIC PRECIPITATOR

Emission Source/Control: 00008 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: 00004 - Incinerator
Design Capacity: 275 tons per day

Waste Feed Method: CHUTE FED
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID WASTE

Condition 52: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.34b(b), NSPS Subpart Cb

Item 52.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: 002 Emission Source: 00001

Emission Unit: U-00002
Process: 004 Emission Source: 00004

Item 52.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
An affected municipal waste combustor unit may not be operated at a steam load level exceeding 110 percent of the maximum demonstrated municipal waste combustor unit load (highest 4-hour block arithmetic average unit steam load, measured in pounds per hour) reached during the most recent performance test where compliance with the dioxin/furan emission limit was demonstrated) except as follows:

(1) During the annual dioxin/furan or mercury performance test and the 2 weeks preceding the annual dioxin/furan or mercury performance test, no municipal waste combustor unit load limit is applicable.

(2) The municipal waste combustor unit load limit may be waived in writing by the Department for the purpose of evaluating system performance, testing new technology or control technologies, diagnostic testing, or related activities for the purpose of improving municipal waste combustor performance or advancing the state-of-the-art for controlling municipal waste combustor emissions. The municipal waste combustor unit load limit continues to apply, and remains enforceable, until and unless the Department grants the waiver.

Parameter Monitored: STEAM OUTPUT
Upper Permit Limit: 110 percent
Monitoring Frequency: CONTINUOUS

Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 53: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.34b(b), NSPS Subpart Cb

Item 53.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001
Process: 002 Emission Source: 00003

Emission Unit: U-00002
Process: 004 Emission Source: 00006

Item 53.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Each affected MWC unit will be required to operate at a temperature not to exceed 17 degrees Centigrade above the maximum demonstrated particulate matter control device temperature, as measured at the particulate matter control device inlet, during four consecutive hours (4-hour block arithmetic average) determined at the most recent dioxin/furan performance test demonstrating compliance with the applicable dioxin/furan limit, except as follows:

(1) During the annual dioxin/furan or mercury performance test and the 2 weeks preceding the annual dioxin/furan or mercury performance test, no particulate matter control device temperature limitations are applicable.

(2) The particulate matter control device temperature limits may be waived in writing by the Department for the purpose of evaluating system performance, testing new technology or control technologies, diagnostic testing, or related activities for the purpose of improving municipal waste combustor performance or advancing the state-of-the-art for controlling municipal waste combustor emissions. The temperature limits continue to apply, and remain enforceable, until and unless the Department grants the waiver.

Parameter Monitored: TEMPERATURE ABOVE CONTROL DEVICE TEMPERATURE
Upper Permit Limit: 17 degrees Centigrade (or Celsius)
Monitoring Frequency: CONTINUOUS
Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 54: Compliance Certification
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable Federal Requirement:40CFR 60.33b(d), NSPS Subpart Cb

Item 54.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

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

Item 54.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
Each affected mass burn waterwall MWC unit which does not utilize a NOx emissions averaging plan is required to meet an emission concentration limit for NOx not to exceed 205 parts per million by volume, corrected to 7 percent oxygen (dry basis). Compliance with these limits is based on a 24-hour daily average. To demonstrate compliance with this requirement the owner or operator of the facility shall install, calibrate, maintain and operate a continuous emissions monitor for NOx according to a QA/QC plan approved by the Department.

Upper Permit Limit: 205 parts per million by volume
(dry, corrected to 7% O2)
Reference Test Method: Thermo Environmental Instruments, Model 42H
Monitoring Frequency: CONTINUOUS
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
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 55: Contaminant List
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:ECL 19-0301

Item 55.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000050-00-0
Name: FORMALDEHYDE

CAS No: 000050-32-8

Name: BENZO(A)PYRENE

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

CAS No: 001336-36-3
Name: POLYCHLORINATED BIPHENYL

CAS No: 001746-01-6
Name: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

CAS No: 007439-92-1
Name: LEAD

CAS No: 007439-96-5
Name: MANGANESE

CAS No: 007439-97-6
Name: MERCURY

CAS No: 007440-02-0
Name: NICKEL METAL AND INSOLUBLE COMPOUNDS

CAS No: 007440-38-2
Name: ARSENIC

CAS No: 007440-39-3
Name: BARIUM

CAS No: 007440-41-7
Name: BERYLLIUM

CAS No: 007440-43-9
Name: CADMIUM

CAS No: 007440-47-3
Name: CHROMIUM

CAS No: 007440-48-4
Name: COBALT

CAS No: 007440-50-8
Name: COPPER

CAS No: 007440-62-2
Name: VANADIUM

CAS No: 007440-66-6
Name: ZINC

CAS No: 007446-09-5
Name: SULFUR DIOXIDE

CAS No: 007647-01-0
Name: HYDROGEN CHLORIDE

CAS No: 007664-39-3
Name: HYDROGEN FLUORIDE

CAS No: 007664-93-9
Name: SULFURIC ACID

CAS No: 007782-49-2
Name: SELENIUM

CAS No: 018540-29-9
Name: CHROMIUM(VI)

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

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

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

CAS No: 130498-29-2
Name: POLYCYCLIC AROMATIC HYDROCARBONS

Condition 56: Unavoidable noncompliance and violations
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 201-1.4

Item 56.1:
At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

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

(b) In the event that emissions of air contaminants in excess of any emission standard

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

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

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

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

Condition 57: Air pollution prohibited
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 211.2

Item 57.1:
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 58: Compliance Demonstration
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 219-7.2

Item 58.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: U-00001
Process: 002

Emission Unit: U-00002
Process: 004

Item 58.2:
Compliance Demonstration shall include the following monitoring:

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

The carbon feeder screw speed (rpm), which is the primary indicator of the carbon mass feed rate must equal or exceed 10 pounds per hour (based on an 8-hour block average) or the corrected screw feeder speed obtained during periodic calibration.

Deviations from this level caused by short-term interruptions (e.g. , maintenance, calibration, malfunctions or other unavoidable conditions) may be excused, provided, during the subsequent portion of the averaging period, the required carbon mass feed rate is obtained. To minimize carbon injection system downtime, good engineering practices must always be applied.

The permitte shall report the calender dates when the screw speeds are below levels estimated at a carbon mass feed rate of 10 pounds per hour, with reasons of such occurrence and corrective actions. In addition, for the dates identified, the report shall include the hourly carbon mass feed rate data recorded.

Parameter Monitored: CARBON
Lower Permit Limit: 10 pounds per hour
Monitoring Frequency: CONTINUOUS
Averaging Method: 8-HOUR BLOCK - ARITHMETIC MEAN
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 59: Compliance Demonstration
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 219-7.2

Item 59.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

Regulated Contaminant(s):
CAS No: 007439-97-6 MERCURY

Item 59.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
The emission limit for mercury is of 28 ug/dscm (corrected to 7% oxygen) or 85% removal, whichever is less stringent. Compliance with the emission standard will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. Stack testing for mercury shall follow the procedures contained in 40 CFR 60.58b(d)(2). Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department.

Emission control devices must be kept 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 devices effectively.

Upper Permit Limit: 28 micrograms per dry standard cubic meter (corrected to 7% oxygen)
Reference Test Method: EPA Ref. Method 29
Monitoring Frequency: ANNUALLY
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 60: Compliance Demonstration
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 219-7.2

Item 60.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

Regulated Contaminant(s):
CAS No: 007439-97-6 MERCURY

Item 60.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

The emission limit for mercury is of 28 ug/dscm (corrected to 7% oxygen) or 85% removal, whichever is less stringent. Compliance with the emission standard will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. Stack testing for mercury shall follow the procedures contained in 40 CFR 60.58b(d)(2). Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department.

Emission control devices must be kept 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 devices effectively.

Lower Permit Limit: 85 percent reduction by weight or volume (corrected to 7% O2, dry basis)
Reference Test Method: EPA Ref. Method 29
Monitoring Frequency: ANNUALLY
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2010.
Subsequent reports are due every 6 calendar month(s).

Condition 61: Facility Operation & Maintenance
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 617.11(d)(5)

Item 61.1:
The Permittee shall at all times properly operate and maintain this facility in accordance with the approved Operations and Maintenance Manual. Proper operation and maintenance includes, but is not limited to, effective performance, adequate funding, adequate operator staffing and training, and adequate process and laboratory controls, including appropriate quality assurance/quality control procedures in accordance with the requirements of this permit. This provision requires the operation of backup or auxilliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit.

Condition 62: Operation of Air Pollution Control Devices
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 617.11(d)(5)

Item 62.1:
The incinerators shall not combust municipal solid waste if the air pollution control devices are not operational or, if operational, are not performing properly in accordance with operational parameters or continuous emission monitors. If an air pollution control device appears to fail while an incinerator is combusting municipal solid wastes, feed shall be discontinued to the incinerator until the problem can be corrected, or, if that is not possible, the incinerator shall be shut down in accordance with procedures in the approved Operations and Maintenance Manual.

Condition 63: Public Access to Records
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 617.11(d)(5)

Item 63.1:
In accordance with Part A of Title I, Section 129(c)(3) of the Clean Air Act Amendments of 1990, the Permittee shall maintain on file at the facility copies of the records required according to the conditions of this permit, and stack test reports, and make such copies available for inspection and copying by interested members of the public during business office hours.

Condition 64: Compliance Demonstration
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 617.11(d)(5)

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

Item 64.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The permittee shall make recordings of the following parameters and provide for their tamper-proof storage:

A. Continuous emission and operational parameter monitoring data;

B. Combustion index;

C. Municipal solid waste charged to each incinerator in tons per day and daily average for each month;

D. Hourly auxiliary fuel use in each incinerator (cubic feet per hour);

E. Hourly average steam temperature (degrees Fahrenheit), steam pressure (psi), steam production (lbs/hr), and a rolling 24-hour average of steam production (lbs/hr);

F. Hourly lime slurry flow (gpm) and lime usage (lbs/hr) for each incinerator's acid gas control device;

G. Hourly readings, volts, amps and sparking rate, for all electrostatic precipitator fields and hourly average temperature (degrees Fahrenheit) at both inlet and outlet for each incinerator's particulate control device;

H. Dosing rate (lbs carbon/hr and lbs carbon/calendar quarter), screw feeder speed (rpm), hopper refill frequency and carbon deliveries (dates and quantities) for each incinerator's powdered activated carbon injection system; and

I. The frequency and duration of maintenance or cleaning periods when control devices are not operational.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 65: Compliance Demonstration
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 617.11(d)(5)

Item 65.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

Regulated Contaminant(s):

CAS No: 000050-32-8	BENZO(A)PYRENE
CAS No: 001336-36-3	POLYCHLORINATED BIPHENYL
CAS No: 130498-29-2	POLYCYCLIC AROMATIC HYDROCARBONS

Item 65.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Stack testing will be performed once per permit term for each incinerator unless additional testing is required by the permitting authority for PAH and the following organic compounds:

PAH: limit- 0.0085 lb/hr

Benzo(A)pyrene: limit - 0.00085 lb/hr
PCB: limit 0.000213 lb/hr

Upper Permit Limit: 0.0085 pounds per hour
Reference Test Method: 40 CFR 60 App A RM23
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 66: Compliance Demonstration
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 617.11(d)(5)

Item 66.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

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

Item 66.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Stack testing for VOCs will be performed once per permit term unless additional testing is required by the permitting authority. Emission limit represents emissions of methane. The emission limit for VOC is 4.5lb/hr for each incinerator.

Upper Permit Limit: 4.5 pounds per hour
Reference Test Method: 40 CFR 60 App A RM25A
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 67: Compliance Demonstration
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 617.11(d)(5)

Item 67.1:
The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

Regulated Contaminant(s):
CAS No: 007664-93-9 SULFURIC ACID

Item 67.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Stack testing for sulfuric acid will be performed once per permit term unless additional testing is required by the permitting authority. The emission limit is 1.42 lb/hr for each incinerator.

Emission limit represents emissions of sulfuric acid mist (as H2SO4).

Upper Permit Limit: 1.42 pounds per hour
Reference Test Method: 40 CFR 60 App A RM8
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 68: Compliance Demonstration
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 617.11(d)(5)

Item 68.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

Regulated Contaminant(s):
CAS No: 007664-39-3 HYDROGEN FLUORIDE

Item 68.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:
Stack testing for Hydrogen Fluoride will be performed once per permit term unless additional testing is required by the permitting authority. The emission limit is 0.04 lb/hr for each incinerator.

Upper Permit Limit: 0.04 pounds per hour
Reference Test Method: 40 CFR 60 App A RM26A
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 69: Compliance Demonstration
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 617.11(d)(5)

Item 69.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

Regulated Contaminant(s):
CAS No: 001746-01-6 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

Item 69.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Stack testing will be performed once per permit term unless additional testing is required by the permitting authority. Emissions of total polychlorinated dibenzo-p-dioxins and polychlorinated dibenzo furans (tetra-octa homologue groups as well as associated 2,3,7,8 substituted congeners) corrected to 7% oxygen, dry basis, and expressed as 2,3,7,8 tetrachlorinated dibenzo-para-dioxin equivalents using the 1989 EPA (International) Toxic Equivalency Factors, shall not exceed 9.0 ng/dscm for each incinerator.

Upper Permit Limit: 9.0 nanogram toxicity equivalence per dry standard cu meter, corrected to 7% O2
Reference Test Method: 40 CFR 60 App A RM23
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD - SEE MONITORING

DESCRIPTION
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 70: Compliance Demonstration
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 617.11(d)(5)

Item 70.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

Regulated Contaminant(s):
CAS No: 000050-00-0 FORMALDEHYDE

Item 70.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Stack testing for formaldehyde will be performed once per permit term for each incinerator unless additional testing is required by the permitting authority.

Upper Permit Limit: 0.762 pounds per hour
Reference Test Method: P&CAM 125
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 71: Compliance Demonstration
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 617.11(d)(5)

Item 71.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

Regulated Contaminant(s):

CAS No: 018540-29-9 CHROMIUM(VI)

Item 71.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Stack testing for Chromium (VI) will be performed once per permit term unless additional testing is required by the permitting authority. The emission limit is 0.002 lb/hr for each incinerator.

Upper Permit Limit: 0.002 pounds per hour
Reference Test Method: SW-846-0013
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 72: Compliance Demonstration
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 617.11(d)(5)

Item 72.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: U-00001 Emission Point: 00001
Process: 002

Emission Unit: U-00002 Emission Point: 00002
Process: 004

Regulated Contaminant(s):
CAS No: 007439-96-5 MANGANESE
CAS No: 007440-02-0 NICKEL METAL AND INSOLUBLE COMPOUNDS
CAS No: 007440-39-3 BARIUM
CAS No: 007440-41-7 BERYLLIUM
CAS No: 007440-47-3 CHROMIUM
CAS No: 007440-48-4 COBALT
CAS No: 007440-50-8 COPPER
CAS No: 007440-62-2 VANADIUM
CAS No: 007440-66-6 ZINC
CAS No: 007782-49-2 SELENIUM
CAS No: 007440-38-2 ARSENIC

Item 72.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Stack testing will be performed once per permit term for each incinerator unless additional testing is required by the permitting authority for arsenic and the following metals:

Arsenic: - limit - 0.00125 lb/hr
Beryllium: - limit - 0.00000465 lb/hr
Vanadium: - limit - 0.000342 lb/hr
Barium: - limit - 0.005 lb/hr
Copper: - limit - 0.0085 lb/hr
Zinc: - limit - 0.75 lb/hr
Chromium: - limit - 0.065 lb/hr (emissions of CR+3)
Selenium: - limit - 0.001 lb/hr
Nickel: - limit - 0.115 lb/hr
Manganese: - limit - 0.03 lb/hr
Cobalt: - limit - 0.003 lb/hr

Upper Permit Limit: 0.00125 pounds per hour
Reference Test Method: 40 CFR 60 App A RM29
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 73: Compliance Demonstration
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 617.11(d)(5)

Item 73.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: U-00001
Process: 001

Emission Unit: U-00001
Process: 002

Emission Unit: U-00002
Process: 003

Emission Unit: U-00002
Process: 004

Item 73.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The Permittee must maintain a surrogate temperature of 1100 degrees Fahrenheit or greater, based on a running 15 minute average of readings, recorded at each incinerator's approved permanent thermocouple location. This surrogate will demonstrate compliance with the requirement to maintain a 1500 degree or higher temperature after the last point of overfire air.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1100 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 15-MINUTE RUNNING LIMIT
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2009.
Subsequent reports are due every 3 calendar month(s).

Condition 74: Compliance Demonstration
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 617.11(d)(5)

Item 74.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: U-00001
Process: 001

Emission Unit: U-00001
Process: 002

Emission Unit: U-00002
Process: 003

Emission Unit: U-00002
Process: 004

Item 74.2:
Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:
The auxiliary burner installed in each municipal waste combustor unit shall be used to achieve a minimum temperature of 1500 degrees Fahrenheit after the last point of overfire air prior to commencing municipal solid waste feed during startup, during shutdown until complete burnout is accomplished, during normal or upset operation, and unless otherwise provided for in the Department approved operations and maintenance manual. Compliance with this requirement will be demonstrated by measuring surrogate temperature of 1100 degrees or higher at the incinerator's approved permanent thermocouple location.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1500 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 15-MINUTE RUNNING LIMIT
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2009.
Subsequent reports are due every 3 calendar month(s).

Condition 75: Compliance Demonstration
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 617.11(d)(5)

Item 75.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: U-00001
Process: 002

Emission Unit: U-00002
Process: 004

Item 75.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Each municipal waste combustor shall not exceed 70,000 lb/hr of steam production on a rolling 24-hour average (based on a nominal unit design of 200 tons per day of municipal solid waste with a heat value of 6200 BTU per pound).

Parameter Monitored: STEAM OUTPUT
Upper Permit Limit: 70000 pound steam per hour
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2009.
Subsequent reports are due every 3 calendar month(s).

Condition 76: Compliance Demonstration
Effective between the dates of 09/22/2009 and 09/21/2014

Applicable State Requirement:6NYCRR 617.11(d)(5)

Item 76.1:
The Compliance Demonstration activity will be performed for the Facility.

Item 76.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The permittee shall submit to the Department an air emissions quarterly report covering availability of the required monitors during the period, and the performance audit of monitors and excess emissions. One out of every four reports shall include a relative accuracy test audit (RATA). The reports shall be submitted within thirty (30) days following the end of a calendar quarter to the following:

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

Regional Air Pollution Engineer
232 Hudson Street
P.O. Box 220
Warrensburg, NY 12885-0220

Monitoring Frequency: QUARTERLY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2009.
Subsequent reports are due every 3 calendar month(s).