



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 5-5344-00001/00016
Mod 0 Effective Date: 09/01/2004 Expiration Date: 08/31/2009
Mod 1 Effective Date: 05/01/2006 Expiration Date: 08/31/2009
Mod 2 Effective Date: 08/27/2008 Expiration Date: 08/31/2009

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:

The Wheelabrator Hudson Falls, L.L.C. facility is designed to process 600 tons per day of municipal solid waste and/or solid waste. The facility consists of two identical municipal waste combustors with state-of-the-art pollution control equipment.

This department initiated modification is to revise emission limits, operating practices and performance testing and monitoring due to changes made to 40 CFR Part 60 Subpart Cb on May 10, 2006. The emission limits were revised for cadmium, lead, mercury, and particulate matter. Other major revisions include changes to operator stand-in provisions and continuous emissions monitoring data availability. These emission limits were revised based on year 2000 to 2005 test data from more than a dozen municipal waste combustor units.



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: WILLIAM R ADRIANCE
DIVISION OF ENVIRONMENTAL PERMITS
625 BROADWAY
ALBANY, NY 12233-1750

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
 - Applications for Permit Renewals and Modifications
 - Permit modifications, suspensions or revocations by the Department
 - Permit Modifications, Suspensions and Revocations by the Department

Facility Level

- Submission of Applications for Permit Modification or Renewal -REGION 5 SUBOFFICE
- Submission of Applications for Permit Modification or Renewal -REGION 5 SUBOFFICE
- 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 2-1: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6NYCRR 621.11

Item 2-1.1:

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 2-1.2:

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 2-1.3:

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 3: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13

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 2-2: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6NYCRR 621.13

Item 2-2.1:

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 4: Permit Modifications, Suspensions and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 4.1:

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

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



permitted activity.

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

**Condition 5: Submission of Applications for Permit Modification or Renewal -REGION 5
SUBOFFICE**

Applicable State Requirement: 6NYCRR 621.5(a)

Replaced by Condition(s) 1-1

Item 5.1:

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 Hudson St, PO Box 220
Warrensburg, NY 12885-0220
(518) 623-1281

**Condition 1-1: Submission of Applications for Permit Modification or Renewal -REGION
5**

**SUBOFFICE
Applicable State Requirement: 6NYCRR 621.5(a)**

Replaces Condition(s) 5

Item 1-1.1:

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

**Condition 2-3: Submission of application for permit modification or renewal-REGION 5
SUBOFFICE - WARRENSBURG**

Applicable State Requirement: 6NYCRR 621.6(a)

Item 2-3.1:

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

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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

Mod 0 Permit Effective Date: 09/01/2004

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Facility Level

- Submission of Applications for Permit Modification or Renewal -REGION 5 SUBOFFICE
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FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1-1 6NYCRR 200.6: Acceptable Ambient Air Quality
- 1-2 6NYCRR 201-6.5(a)(7): Fees
- 2 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
- 3 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 4 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
- 6 6NYCRR 202-2.1: Compliance Certification
- 7 6NYCRR 202-2.5: Recordkeeping requirements
- 1-3 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 1-4 6NYCRR 200.7: Maintenance of Equipment
- 1-5 6NYCRR 201-1.7: Recycling and Salvage
- 2-1 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 1-7 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 1-8 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 1-9 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
- 1-10 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
- 1-11 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
- 1-12 6NYCRR 201-6.5(f)(6): Off Permit Changes
- 1-13 6NYCRR 202-1.1: Required Emissions Tests
- 1-14 6NYCRR 211.3: Visible Emissions Limited
- 34 40CFR 68: Accidental release provisions.
- 35 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 1 6NYCRR 201-6: Emission Unit Definition
- 1-15 6NYCRR 201-6.5(e): Compliance Certification
- 8 6NYCRR 231-2: Compliance Certification
- 9 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 10 40CFR 60.13(e), NSPS Subpart A: Compliance Certification
- 2-2 40CFR 60.36b, NSPS Subpart Cb: Compliance Certification
- 2-3 40CFR 60.39b(a), NSPS Subpart Cb: Compliance Certification



2-4 40CFR 60.58b, NSPS Subpart Eb: Compliance Certification

Emission Unit Level

36 6NYCRR 201-6: Emission Point Definition By Emission Unit

37 6NYCRR 201-6: Process Definition By Emission Unit

2-5 40CFR 60.33b(a)(1)(i), NSPS Subpart Cb: Compliance Certification

2-6 40CFR 60.33b(a)(1)(iii), NSPS Subpart Cb: Compliance Certification

2-7 40CFR 60.33b(a)(2)(i), NSPS Subpart Cb: Compliance Certification

2-8 40CFR 60.33b(a)(3), NSPS Subpart Cb: Compliance Certification

2-9 40CFR 60.33b(a)(3), NSPS Subpart Cb: Compliance Certification

2-10 40CFR 60.33b(a)(4), NSPS Subpart Cb: Compliance Certification

2-11 40CFR 60.33b(b)(3)(i), NSPS Subpart Cb: Compliance Certification

2-12 40CFR 60.33b(b)(3)(i), NSPS Subpart Cb: Compliance Certification

2-13 40CFR 60.33b(b)(3)(ii), NSPS Subpart Cb: Compliance Certification

2-14 40CFR 60.33b(b)(3)(ii), NSPS Subpart Cb: Compliance Certification

2-15 40CFR 60.33b(c)(1)(ii), NSPS Subpart Cb: Compliance Certification

2-16 40CFR 60.33b(d), NSPS Subpart Cb: Compliance Certification

2-17 40CFR 60.34b(a), NSPS Subpart Cb: Compliance Certification

2-18 40CFR 60.34b(b), NSPS Subpart Cb: Compliance Certification

2-19 40CFR 60.34b(b), NSPS Subpart Cb: Compliance Certification

EU=U-00001,EP=00001,Proc=002,ES=00001

2-20 40CFR 60.35b, NSPS Subpart Cb: Operating Manual

2-21 40CFR 60.35b, NSPS Subpart Cb: Operator Training

2-22 40CFR 60.35b, NSPS Subpart Cb: Compliance Certification

EU=U-00001,EP=00001,Proc=002,ES=00001

2-23 40CFR 60.38b, NSPS Subpart Cb: Compliance and performance testing.

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

38 ECL 19-0301: Contaminant List

39 6NYCRR 201-1.4: Unavoidable noncompliance and violations

40 6NYCRR 211.2: Air pollution prohibited

2-24 6NYCRR 219-7.2: Compliance Demonstration

44 6NYCRR 617.11(d)(5): Facility Operation & Maintenance

45 6NYCRR 617.11(d)(5): Operation of Air Pollution Control Devices

46 6NYCRR 617.11(d)(5): Public Access to Records

2-25 6NYCRR 617.11(d)(5): Compliance Demonstration

2-26 6NYCRR 617.11(d)(5): Compliance Demonstration

2-27 6NYCRR 617.11(d)(5): Compliance Demonstration

2-28 6NYCRR 617.11(d)(5): Compliance Demonstration

2-29 6NYCRR 617.11(d)(5): Compliance Demonstration

2-30 6NYCRR 617.11(d)(5): Compliance Demonstration

2-31 6NYCRR 617.11(d)(5): Compliance Demonstration

2-32 6NYCRR 617.11(d)(5): Compliance Demonstration

2-33 6NYCRR 617.11(d)(5): Compliance Demonstration

2-34 6NYCRR 617.11(d)(5): Compliance Demonstration

2-35 6NYCRR 617.11(d)(5): Compliance Demonstration

2-36 6NYCRR 617.11(d)(5): Compliance Demonstration

2-37 6NYCRR 617.11(d)(5): Compliance Demonstration

51 6NYCRR 617.11(d)(5): Compliance Demonstration

54 6NYCRR 617.11(d)(5): Compliance Demonstration

Emission Unit Level

New York State Department of Environmental Conservation

Permit ID: 5-5344-00001/00016

Facility DEC ID: 5534400001



2-38 6NYCRR 219-7.2: Compliance Demonstration

2-39 6NYCRR 219-7.2: 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 - 6 NYCRR Part 201-6.5(a)(5)**
It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.
- Item H: Property Rights - 6 NYCRR Part 201-6.5(a)(6)**
This permit does not convey any property rights of any sort or any exclusive privilege.
- Item I: Severability - 6 NYCRR Part 201-6.5(a)(9)**



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

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

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

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

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

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

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



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

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

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

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

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

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

Item L: Permit Exclusion - ECL 19-0305

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



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 1-1: Acceptable Ambient Air Quality
Effective between the dates of 05/01/2006 and 08/31/2009**

Applicable Federal Requirement:6NYCRR 200.6

Item 1-1.1:

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 1-2: Fees
Effective between the dates of 05/01/2006 and 08/31/2009**

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

Item 1-2.1:

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 2: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 09/01/2004 and 08/31/2009**

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

Item 2.1:

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 3: Monitoring, Related Recordkeeping, and Reporting Requirements.

Effective between the dates of 09/01/2004 and 08/31/2009

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

Item 3.1:

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 4: Compliance Certification

Effective between the dates of 09/01/2004 and 08/31/2009

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

Item 4.1:

The Compliance Certification activity will be performed for the Facility.

Item 4.2:

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 1/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 09/01/2004 and 08/31/2009

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 09/01/2004 and 08/31/2009

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 1-3: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 05/01/2006 and 08/31/2009

Applicable Federal Requirement:6NYCRR 215

Item 1-3.1:

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 1-4: Maintenance of Equipment
Effective between the dates of 05/01/2006 and 08/31/2009

Applicable Federal Requirement:6NYCRR 200.7



Item 1-4.1:

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 1-5: Recycling and Salvage
Effective between the dates of 05/01/2006 and 08/31/2009

Applicable Federal Requirement:6NYCRR 201-1.7

Item 1-5.1:

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 2-1: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 08/27/2008 and 08/31/2009

Applicable Federal Requirement:6NYCRR 201-1.8

Replaces Condition(s) 1-6

Item 2-1.1:

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 1-7: Exempt Sources - Proof of Eligibility
Effective between the dates of 05/01/2006 and 08/31/2009

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

Item 1-7.1:

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 1-8: Trivial Sources - Proof of Eligibility
Effective between the dates of 05/01/2006 and 08/31/2009

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

Item 1-8.1:

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 1-9: Standard Requirement - Provide Information
Effective between the dates of 05/01/2006 and 08/31/2009

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

Item 1-9.1:

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 1-10: General Condition - Right to Inspect
Effective between the dates of 05/01/2006 and 08/31/2009

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

Item 1-10.1:

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 1-11: Standard Requirements - Progress Reports
Effective between the dates of 05/01/2006 and 08/31/2009

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

Item 1-11.1:

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 1-12: Off Permit Changes
Effective between the dates of 05/01/2006 and 08/31/2009

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

Item 1-12.1:

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 1-13: Required Emissions Tests
Effective between the dates of 05/01/2006 and 08/31/2009

Applicable Federal Requirement:6NYCRR 202-1.1

Item 1-13.1:

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 1-14: Visible Emissions Limited
Effective between the dates of 05/01/2006 and 08/31/2009

Applicable Federal Requirement:6NYCRR 211.3

Item 1-14.1:

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 34: Accidental release provisions.
Effective between the dates of 09/01/2004 and 08/31/2009

Applicable Federal Requirement:40CFR 68

Item 34.1:

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 35: Recycling and Emissions Reduction
Effective between the dates of 09/01/2004 and 08/31/2009

Applicable Federal Requirement:40CFR 82, Subpart F

Item 35.1:

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 1: Emission Unit Definition
Effective between the dates of 09/01/2004 and 08/31/2009

Applicable Federal Requirement:6NYCRR 201-6

Item 1.1(From Mod 2):

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 1.2(From Mod 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 1-15: Compliance Certification

Effective between the dates of 05/01/2006 and 08/31/2009

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

Replaces Condition(s) 5

Item 1-15.1:

The Compliance Certification activity will be performed for the Facility.

Item 1-15.2:

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 7/30/2005.
Subsequent reports are due on the same day each year

Condition 8: Compliance Certification
Effective between the dates of 09/01/2004 and 08/31/2009

Applicable Federal Requirement:6NYCRR 231-2

Item 8.1:

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

Emission Unit: U-00001

Emission Unit: U-00002

Item 8.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The maximum annual potential (MAP) for NO_x 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 NO_x and an hourly design stack flow rate of 25,167 dscf (corrected to 7% oxygen). This MAP will be used to determine Subpart 231-2 applicability regarding source projects. The MAP shall be modified if any 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 1/30/2005.
Subsequent reports are due every 6 calendar month(s).

Condition 9: Compliance Certification
Effective between the dates of 09/01/2004 and 08/31/2009

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

Item 9.1:

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



Regulated Contaminant(s):

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

Item 9.2:

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

Parameter Monitored: OXIDES OF NITROGEN

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 1/30/2005.

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

Condition 10: Compliance Certification

Effective between the dates of 09/01/2004 and 08/31/2009

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

Item 10.1:

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 10.2:

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 1/30/2005.

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

Condition 2-2: Compliance Certification
Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 28

Item 2-2.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00001
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00002
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00003
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00007
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00004
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00005
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00006
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00008

Item 2-2.2:

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 1/30/2009.

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

Condition 2-3: Compliance Certification

Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 1-16

Item 2-3.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00001
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00002
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00003
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00007
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00004
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00005
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00006



Emission Unit: U-00002
Process: 004

Emission Point: 00002
Emission Source: 00008

Item 2-3.2:

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 1/30/2009.

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

Condition 2-4: Compliance Certification

Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 33

Item 2-4.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00001

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00002

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00003

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00007

Emission Unit: U-00002
Process: 004

Emission Point: 00002
Emission Source: 00004

Emission Unit: U-00002
Process: 004

Emission Point: 00002
Emission Source: 00005

Emission Unit: U-00002
Process: 004

Emission Point: 00002
Emission Source: 00006

Emission Unit: U-00002

Emission Point: 00002



Process: 004

Emission Source: 00008

Regulated Contaminant(s):

CAS No: 007439-97-6 MERCURY

Item 2-4.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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, include the hourly carbon mass feed rate data recorded under 40CFR60.59b (d)(4)(iii).

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

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

**Condition 36: Emission Point Definition By Emission Unit
Effective between the dates of 09/01/2004 and 08/31/2009**

Applicable Federal Requirement:6NYCRR 201-6

Item 36.1(From Mod 2):

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.): 4795.702 NYTME (km.): 614.218

Item 36.2(From Mod 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.): 4795.7 NYTME (km.): 614.22

Condition 37: Process Definition By Emission Unit
Effective between the dates of 09/01/2004 and 08/31/2009

Applicable Federal Requirement:6NYCRR 201-6

Item 37.1(From Mod 2):

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. Because this unit is operated on natural gas only 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 37.2(From Mod 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 37.3(From Mod 2):

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. Because this unit is operated on natural gas only 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 37.4(From Mod 2):

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 2-5: Compliance Certification
Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 14

Item 2-5.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00001
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00002
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00003
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00007
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00004
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00005
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00006
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00008

Regulated Contaminant(s):



CAS No: 0NY075-00-0 PARTICULATES

Item 2-5.2:

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. The protocol and schedule for the initial test are to be submitted within 180 days of the issued date of this permit. Reporting shall be done in accordance with 40 CFR 60.39b, as applicable. Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department.

Upper Permit Limit: 25 milligrams per dry standard cubic meter (corrected to 7% oxygen)

Reference Test Method: 40 CFR 60 App A RM5

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 2-6: Compliance Certification

Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 15

Item 2-6.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00001

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00002

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00003

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00007

Emission Unit: U-00002

Emission Point: 00002



Process: 004 Emission Source: 00004

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00005

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00008

Item 2-6.2:

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.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2008.

Subsequent reports are due every 3 calendar month(s).

Condition 2-7: Compliance Certification

Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 16

Item 2-7.1:

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 Source: 00001

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00002

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



Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00007

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00005

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00008

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

Item 2-7.2:

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. The protocol and schedule for the initial test are to be submitted within 180 days of the issued date of this permit. Reporting shall be done in accordance with 40 CFR 60.39b, as applicable. Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department.

Upper Permit Limit: 35 micrograms per dry standard cubic meter (corrected to 7% oxygen)

Reference Test Method: EPA Ref Test Method

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 2-8: Compliance Certification

Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 17



Item 2-8.1:

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

Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00001
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00002
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00003
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00007
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00004
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00005
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00006
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00008
Regulated Contaminant(s): CAS No: 007439-97-6	MERCURY

Item 2-8.2:

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. The protocol and schedule for the initial test are to be submitted within 180 days of the issued date of this permit. Reporting shall be done in accordance with 40 CFR 60.39b, as applicable. 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 RM29
Monitoring Frequency: ANNUALLY
Averaging Method: ARITHMETIC MEAN
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2009.
Subsequent reports are due every 6 calendar month(s).

Condition 2-9: Compliance Certification
Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 18

Item 2-9.1:

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

Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00001
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00002
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00003
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00007
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00004
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00005
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00006
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00008

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

Item 2-9.2:

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. The protocol and schedule for the initial test are to be submitted within 180 days of the issued date of this permit. Reporting shall be done in accordance with 40 CFR 60.39b, as applicable. 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 RM29

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 2-10: Compliance Certification
Effective between the dates of 08/27/2008 and 08/31/2009

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

Item 2-10.1:

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 Source: 00001

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00002

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00007

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00005

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



Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00008

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

Item 2-10.2:

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. The protocol and schedule for the initial test are to be submitted within 180 days of the issued date of this permit. Reporting shall be done in accordance with 40 CFR 60.39b, as applicable. Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department.

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: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 2-11: Compliance Certification

Effective between the dates of 08/27/2008 and 08/31/2009

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

Item 2-11.1:

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 Source: 00001

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00002

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



Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00007

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00005

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00008

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

Item 2-11.2:

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.

Upper Permit Limit: 29 parts per million by volume (dry, corrected to 7% O₂)

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY AVERAGE (GEOMETRIC MEAN)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2008.

Subsequent reports are due every 3 calendar month(s).

Condition 2-12: Compliance Certification

Effective between the dates of 08/27/2008 and 08/31/2009

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

Item 2-12.1:

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 Source: 00001

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00002

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00007

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00005

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00008

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

Item 2-12.2:

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 to a QA/QC plan approved by the Department

Lower Permit Limit: 75 percent reduction by weight or volume (corrected to 7% O₂, dry basis)

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY AVERAGE (GEOMETRIC MEAN)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.



The initial report is due 10/30/2008.

Subsequent reports are due every 3 calendar month(s).

Condition 2-13: Compliance Certification

Effective between the dates of 08/27/2008 and 08/31/2009

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

Item 2-13.1:

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 Source: 00001

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00002

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00007

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00005

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00008

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

Item 2-13.2:

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 concentration limit will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. The protocol and



schedule for the initial test are to be submitted within 180 days of the issued date of this permit. Reporting shall be done in accordance with 40 CFR 60.39b, as applicable. Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department.

Upper Permit Limit: 29 parts per million by volume (dry, corrected to 7% O2)

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 2-14: Compliance Certification

Effective between the dates of 08/27/2008 and 08/31/2009

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

Item 2-14.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00001

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00002

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00003

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00007

Emission Unit: U-00002
Process: 004

Emission Point: 00002
Emission Source: 00004

Emission Unit: U-00002
Process: 004

Emission Point: 00002
Emission Source: 00005

Emission Unit: U-00002
Process: 004

Emission Point: 00002
Emission Source: 00006

Emission Unit: U-00002
Process: 004

Emission Point: 00002
Emission Source: 00008

Regulated Contaminant(s):

CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 2-14.2:



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 latter (percent reduction) limit will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. The protocol and schedule for the initial test are to be submitted within 180 days of the issued date of this permit. Reporting shall be done in accordance with 40 CFR 60.39b, as applicable. Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department.

Lower Permit Limit: 95 percent reduction by weight or volume (corrected to 7% O2, dry basis)

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 2-15: Compliance Certification
Effective between the dates of 08/27/2008 and 08/31/2009

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

Item 2-15.1:

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 Source: 00001

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00002

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00007

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



Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00005

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00008

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

Item 2-15.2:

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. The protocol and schedule for the initial test are to be submitted within 180 days of the issued date of this permit. Reporting shall be done in accordance with 40 CFR 60.39b, as applicable. 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 RM23

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 2-16: Compliance Certification

Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 22

Item 2-16.1:

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 Source: 00001

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00002

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00007

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00005

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00008

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

Item 2-16.2:

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)

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2008.

Subsequent reports are due every 3 calendar month(s).



Condition 2-17: Compliance Certification

Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 23

Item 2-17.1:

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 Source: 00001

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00002

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00007

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00005

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00008

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

Item 2-17.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Carbon monoxide emission limit for mass burn waterwall municipal waste combustor.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 100 parts per million by volume
(dry, corrected to 7% O2)

Monitoring Frequency: CONTINUOUS

Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2008.



Subsequent reports are due every 3 calendar month(s).

Condition 2-18: Compliance Certification

Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 24

Item 2-18.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00004
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00005
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00006
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00008
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00001
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00002
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00003
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00007

Item 2-18.2:

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: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2008.
Subsequent reports are due every 3 calendar month(s).

Condition 2-19: Compliance Certification
Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 25

Item 2-19.1:

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

Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00004
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00005
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00006
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00008
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00001
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00002
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00003



Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00007

Item 2-19.2:

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: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2008.

Subsequent reports are due every 3 calendar month(s).

Condition 2-20: Operating Manual

Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 26

Item 2-20.1:



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 2-22: Compliance Certification
Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 27

Item 2-22.1:

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

Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00004
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00005
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00006
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00008
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00001
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00002
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00003
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00007

Item 2-22.2:

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

New York State Department of Environmental Conservation

Permit ID: 5-5344-00001/00016

Facility DEC ID: 5534400001





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 38: Contaminant List
Effective between the dates of 09/01/2004 and 08/31/2009**

Applicable State Requirement:ECL 19-0301

Item 38.1:

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

CAS No: 001746-01-6

Name: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

CAS No: 007440-38-2



Name: ARSENIC

CAS No: 007440-39-3

Name: BARIUM

CAS No: 000050-32-8

Name: BENZO(A)PYRENE

CAS No: 007440-41-7

Name: BERYLLIUM

CAS No: 007440-43-9

Name: CADMIUM

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 007440-47-3

Name: CHROMIUM

CAS No: 018540-29-9

Name: CHROMIUM(VI)

CAS No: 007440-48-4

Name: COBALT

CAS No: 007440-50-8

Name: COPPER

CAS No: 000050-00-0

Name: FORMALDEHYDE

CAS No: 007647-01-0

Name: HYDROGEN CHLORIDE

CAS No: 007664-39-3

Name: HYDROGEN FLUORIDE

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: 0NY210-00-0

Name: OXIDES OF NITROGEN



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

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

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

CAS No: 007782-49-2
Name: SELENIUM

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

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

CAS No: 007440-62-2
Name: VANADIUM

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

CAS No: 007440-66-6
Name: ZINC

Condition 39: Unavoidable noncompliance and violations
Effective between the dates of 09/01/2004 and 08/31/2009

Applicable State Requirement:6NYCRR 201-1.4

Item 39.1:

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 40: Air pollution prohibited
Effective between the dates of 09/01/2004 and 08/31/2009

Applicable State Requirement:6NYCRR 211.2

Item 40.1:

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 2-24: Compliance Demonstration
Effective between the dates of 08/27/2008 and 08/31/2009

Applicable State Requirement:6NYCRR 219-7.2

Item 2-24.1:

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

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00001

Emission Unit: U-00001

Emission Point: 00001



Process: 002	Emission Source: 00002
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00003
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00007
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00004
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00005
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00006
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00008

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

Item 2-24.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The facility shall maintain a carbon injection rate equal or greater than ten pounds per hour based on screw feeder speed (RPM).

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.

Parameter Monitored: CARBON

Lower Permit Limit: 10 pounds per hour

Monitoring Frequency: CONTINUOUS

Averaging Method: 8-HOUR RUNNING AVERAGE ROLLED HOURLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 44: Facility Operation & Maintenance
Effective between the dates of 09/01/2004 and 08/31/2009



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

Item 44.1:

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 auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit.

**Condition 45: Operation of Air Pollution Control Devices
Effective between the dates of 09/01/2004 and 08/31/2009**

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

Item 45.1:

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 46: Public Access to Records
Effective between the dates of 09/01/2004 and 08/31/2009**

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

Item 46.1:

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 2-25: Compliance Demonstration
Effective between the dates of 08/27/2008 and 08/31/2009**

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

Replaces Condition(s) 50

Item 2-25.1:

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

Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00001
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00002
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00003



Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00007
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00004
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00005
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00006
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00008

Item 2-25.2:

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 2-26: Compliance Demonstration

Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 49

Item 2-26.1:

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 Source: 00001

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00002

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00007

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00005

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00008

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 2-26.2:

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 2-27: Compliance Demonstration
Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 59

Item 2-27.1:

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

Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00001
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00002
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00003
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00007
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00004
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00005
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00006
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00008

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



Item 2-27.2:

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 2-28: Compliance Demonstration

Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 57

Item 2-28.1:

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 Source: 00001

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00002

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00007

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00005

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00008

Regulated Contaminant(s):



CAS No: 007664-93-9 SULFURIC ACID

Item 2-28.2:

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 2-29: Compliance Demonstration

Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 60

Item 2-29.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00001

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00002

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00003

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00007

Emission Unit: U-00002
Process: 004

Emission Point: 00002
Emission Source: 00004

Emission Unit: U-00002
Process: 004

Emission Point: 00002
Emission Source: 00005

Emission Unit: U-00002
Process: 004

Emission Point: 00002
Emission Source: 00006



Emission Unit: U-00002
Process: 004

Emission Point: 00002
Emission Source: 00008

Regulated Contaminant(s):

CAS No: 007664-39-3 HYDROGEN FLUORIDE

Item 2-29.2:

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: 0.4 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 2-30: Compliance Demonstration

Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 56

Item 2-30.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00001

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00002

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00003

Emission Unit: U-00001
Process: 002

Emission Point: 00001
Emission Source: 00007

Emission Unit: U-00002
Process: 004

Emission Point: 00002
Emission Source: 00004

Emission Unit: U-00002
Process: 004

Emission Point: 00002
Emission Source: 00005

Emission Unit: U-00002
Process: 004

Emission Point: 00002
Emission Source: 00006



Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00008

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

Item 2-30.2:

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 nanograms per dry standard cubic 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 2-31: Compliance Demonstration

Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 53

Item 2-31.1:

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 Source: 00001

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00002

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00007



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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00005

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00008

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

Item 2-31.2:

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 2-32: Compliance Demonstration

Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 61

Item 2-32.1:

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 Source: 00001

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00002

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00007



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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00005

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00008

Regulated Contaminant(s):
CAS No: 018540-29-9 CHROMIUM(VI)

Item 2-32.2:

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 2-33: Compliance Demonstration

Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 48

Item 2-33.1:

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 Source: 00001

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00002

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00007



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

Emission Unit: U-00002 Emission Point: 00002
 Process: 004 Emission Source: 00005

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

Emission Unit: U-00002 Emission Point: 00002
 Process: 004 Emission Source: 00008

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 2-33.2:

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 2-34: Compliance Demonstration
Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 47

Item 2-34.1:

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

Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00001
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00002
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00003
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00007
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00004
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00005
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00006
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00008

Item 2-34.2:

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 10/30/2008.

Subsequent reports are due every 3 calendar month(s).

Condition 2-35: Compliance Demonstration
Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 58

Item 2-35.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00001
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00002
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00003
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00007
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00004
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00005
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00006
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00008

Item 2-35.2:



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 10/30/2008.

Subsequent reports are due every 3 calendar month(s).

Condition 2-36: Compliance Demonstration
Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 52

Item 2-36.1:

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 Source: 00001
Emission Unit: U-00001	Emission Point: 00001
Process: 002	Emission Source: 00002
Emission Unit: U-00001	Emission Point: 00001
Process: 002	Emission Source: 00003
Emission Unit: U-00001	Emission Point: 00001
Process: 002	Emission Source: 00007
Emission Unit: U-00002	Emission Point: 00002
Process: 004	Emission Source: 00004
Emission Unit: U-00002	Emission Point: 00002
Process: 004	Emission Source: 00005



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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00008

Item 2-36.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

A combustion index (CI) shall be maintained at a minimum of 99.8% based on a running seven day average for each incinerator. $CI = CO_2 / (CO_2 + CO)$ in %.

Parameter Monitored: COMBUSTION INDEX

Lower Permit Limit: 99.8 percent

Monitoring Frequency: HOURLY

Averaging Method: 7-DAY AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2008.

Subsequent reports are due every 3 calendar month(s).

Condition 2-37: Compliance Demonstration

Effective between the dates of 08/27/2008 and 08/31/2009

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

Replaces Condition(s) 55

Item 2-37.1:

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 Source: 00001

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00002

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00007

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00005



Emission Unit: U-00002
Process: 004

Emission Point: 00002
Emission Source: 00006

Emission Unit: U-00002
Process: 004

Emission Point: 00002
Emission Source: 00008

Item 2-37.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

A combustion index (CI) shall be maintained at a minimum of 99.5% on a running 8 hour average of readings for each incinerator. $CI = CO_2 / (CO_2 + CO)$ in %.

Manufacturer Name/Model Number: Anarand AR50 & Facility DAS

Parameter Monitored: COMBUSTION INDEX

Lower Permit Limit: 99.5 percent

Monitoring Frequency: HOURLY

Averaging Method: 8-HOUR RUNNING AVERAGE ROLLED HOURLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2008.

Subsequent reports are due every 3 calendar month(s).

Condition 51: Compliance Demonstration

Effective between the dates of 09/01/2004 and 08/31/2009

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

Item 51.1:

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 51.2:

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 10/30/2004.
Subsequent reports are due every 3 calendar month(s).

Condition 54: Compliance Demonstration
Effective between the dates of 09/01/2004 and 08/31/2009

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

Item 54.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 54.2:

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 10/30/2004.
Subsequent reports are due every 3 calendar month(s).

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

Condition 2-38: Compliance Demonstration
Effective between the dates of 08/27/2008 and 08/31/2009



Applicable State Requirement:6NYCRR 219-7.2

Item 2-38.1:

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

Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00001
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00002
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00003
Emission Unit: U-00001 Process: 002	Emission Point: 00001 Emission Source: 00007
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00004
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00005
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00006
Emission Unit: U-00002 Process: 004	Emission Point: 00002 Emission Source: 00008

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

Item 2-38.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Mercury emission limit. The Permittee shall meet the less stringent of this limit (concentration), or the 85 percent reduction by weight Mercury emission limit cited in this permit under 6 NYCRR 219-7.2. Annual stack testing for Mercury shall follow the procedures contained in 40 CFR 60.58b(d)(2). 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.

Parameter Monitored: MERCURY

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: ARITHMETIC MEAN
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2009.
Subsequent reports are due every 12 calendar month(s).

Condition 2-39: Compliance Demonstration
Effective between the dates of 08/27/2008 and 08/31/2009

Applicable State Requirement: 6NYCRR 219-7.2

Item 2-39.1:

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 Source: 00001

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00002

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

Emission Unit: U-00001 Emission Point: 00001
Process: 002 Emission Source: 00007

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00005

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

Emission Unit: U-00002 Emission Point: 00002
Process: 004 Emission Source: 00008

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

Item 2-39.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Mercury emission limit. The Permittee shall meet the less stringent of this limit (percent reduction), or the concentration Mercury emission limit cited in this permit



under 6 NYCRR 219-7.2. Annual stack testing for Mercury shall follow the procedures contained in 40 CFR 60.58b(d)(2). 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.

Parameter Monitored: MERCURY

Lower Permit Limit: 85 percent reduction by weight
(corrected to 7% O₂, dry basis)

Reference Test Method: EPA Ref. Method 29

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2009.

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

New York State Department of Environmental Conservation

Permit ID: 5-5344-00001/00016

Facility DEC ID: 5534400001

