



**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 3-5512-00031/00014  
Mod 0 Effective Date: 01/30/2007 Expiration Date: 01/29/2012

Mod 1 Effective Date: Expiration Date:

Permit Issued To: WESTCHESTER CO INDUSTRIAL DEVELOP AGENCY  
148 MARTINE AVE  
WHITE PLAINS, NY 10601-3311

Facility: WHEELABRATOR WESTCHESTER LP  
CHARLES PT AVE  
PEEKSKILL, NY 10566

Contact: THOMAS B MAILLET  
WHEELABRATOR WESTCHESTER, L.P  
ONE CHARLES POINT AVENUE  
PEEKSKILL, NY 10566  
(914) 739-9304

**Description:**

The facility is municipal solid waste resource recovery facility. It consists of three municipal waste combustors that generate steam which is used to produce electricity.

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 3 HEADQUARTERS
- Submission of application for permit modification or renewal-REGION 3 HEADQUARTERS



**DEC GENERAL CONDITIONS**

**\*\*\*\* General Provisions \*\*\*\***

**For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions.**

**GENERAL CONDITIONS - Apply to ALL Authorized Permits.**

**Condition 1: Facility Inspection by the Department**

**Applicable State Requirement: ECL 19-0305**

**Item 1.1:**

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

**Item 1.2:**

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

**Item 1.3:**

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

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

**Applicable State Requirement: ECL 3-0301.2(m)**

**Item 2.1:**

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

**Condition 3: Applications for permit renewals, modifications and transfers**

**Applicable State Requirement: 6NYCRR 621.11**

**Item 3.1:**

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

**Item 3.2:**

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

**Item 3.3:**

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



**Condition 4: Applications for Permit Renewals and Modifications**  
**Applicable State Requirement: 6NYCRR 621.13**

**Item 4.1:**

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 4.2:**

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 4.3:**

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

**Item 5.1:**

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

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

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

**Item 6.1:**

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 7: Submission of Applications for Permit Modification or Renewal-REGION 3 HEADQUARTERS**

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

**Item 7.1:**

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator  
Region 3 Headquarters  
Division of Environmental Permits  
21 South Putt Corners Road  
New Paltz, NY 12561-1696  
(845) 256-3054

**Condition 8: Submission of application for permit modification or renewal-REGION 3 HEADQUARTERS**

**Applicable State Requirement: 6NYCRR 621.6(a)**

**Item 8.1:**

Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator  
Region 3 Headquarters  
Division of Environmental Permits  
21 South Putt Corners Road  
New Paltz, NY 12561-1696  
(845) 256-3054

New York State Department of Environmental Conservation

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031



**Permit Under the Environmental Conservation Law (ECL)**

**ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT**

**IDENTIFICATION INFORMATION**

Permit Issued To: WESTCHESTER CO INDUSTRIAL DEVELOP AGENCY  
148 MARTINE AVE  
WHITE PLAINS, NY 10601-3311

Facility: WHEELABRATOR WESTCHESTER LP  
CHARLES PT AVE  
PEEKSKILL, NY 10566

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

Permit Effective Date:

Permit Expiration Date:



## 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 3 HEADQUARTERS
- Submission of application for permit modification or renewal-REGION 3 HEADQUARTERS

### FEDERALLY ENFORCEABLE CONDITIONS

#### Facility Level

- 23 6NYCRR 201-6: Emission Unit Definition
- 1-1 6NYCRR 201-6.5(g): Non Applicable requirements
- 25 6NYCRR 201-6.5(g): Non Applicable requirements
- 1-2 40CFR 52.21(j), Subpart A: Compliance Certification
- 30 40CFR 52.21(j), Subpart A: Compliance Certification
- 37 40CFR 60.33b(a)(1)(i), NSPS Subpart Cb: Compliance Certification
- 38 40CFR 60.33b(a)(1)(iii), NSPS Subpart Cb: Compliance Certification
- 1-3 40CFR 60.33b(a)(2)(i), NSPS Subpart Cb: Compliance Certification
- 39 40CFR 60.33b(a)(2)(i), NSPS Subpart Cb: Compliance Certification
- 40 40CFR 60.33b(a)(2)(iii), NSPS Subpart Cb: Compliance Certification
- 41 40CFR 60.33b(a)(3), NSPS Subpart Cb: Compliance Certification
- 1-4 40CFR 60.33b(a)(4), NSPS Subpart Cb: Compliance Certification
- 42 40CFR 60.33b(b)(1)(i), NSPS Subpart Cb: Compliance Certification
- 43 40CFR 60.33b(b)(1)(i), NSPS Subpart Cb: Compliance Certification
- 44 40CFR 60.33b(b)(2)(i), NSPS Subpart Cb: Compliance Certification
- 45 40CFR 60.33b(b)(2)(i), NSPS Subpart Cb: Compliance Certification
- 1-5 40CFR 60.33b(b)(3)(i), NSPS Subpart Cb: Compliance Certification
- 1-6 40CFR 60.33b(b)(3)(i), NSPS Subpart Cb: Compliance Certification
- 1-7 40CFR 60.33b(b)(3)(ii), NSPS Subpart Cb: Compliance Certification
- 1-8 40CFR 60.33b(b)(3)(ii), NSPS Subpart Cb: Compliance Certification
- 46 40CFR 60.33b(c)(1)(ii), NSPS Subpart Cb: Compliance Certification
- 1-9 40CFR 60.33b(c)(1)(iii), NSPS Subpart Cb: Compliance Certification
- 1-10 40CFR 60.33b(d), NSPS Subpart Cb: Compliance Certification
- 47 40CFR 60.33b(d), NSPS Subpart Cb: Compliance Certification
- 48 40CFR 60.34b(a), NSPS Subpart Cb: Compliance Certification
- 49 40CFR 60.34b(b), NSPS Subpart Cb: Compliance Certification
- 50 40CFR 60.35b, NSPS Subpart Cb: Operating Manual
- 51 40CFR 60.36b, NSPS Subpart Cb: Compliance Certification
- 1-11 40CFR 60.36b, NSPS Subpart Cb: Compliance Certification
- 52 40CFR 60.38b, NSPS Subpart Cb: Compliance and performance testing.
- 1-12 40CFR 60.39b(a), NSPS Subpart Cb: Compliance Certification
- 53 40CFR 60.39b(a), NSPS Subpart Cb: Compliance Certification



54 40CFR 60.53b(b), NSPS Subpart Eb: Compliance Certification

55 40CFR 60.54b, NSPS Subpart Eb: Compliance Certification

**Emission Unit Level**

56 6NYCRR 201-6: Emission Point Definition By Emission Unit

57 6NYCRR 201-6: Process Definition By Emission Unit

1-13 40CFR 60.33b(a)(1)(i), NSPS Subpart Cb: Compliance Certification

1-14 40CFR 60.33b(a)(1)(iii), NSPS Subpart Cb: Compliance Certification

1-15 40CFR 60.33b(a)(3), NSPS Subpart Cb: Compliance Certification

1-16 40CFR 60.33b(a)(3), NSPS Subpart Cb: Compliance Certification

1-17 40CFR 60.34b(a), NSPS Subpart Cb: Compliance Certification

1-18 40CFR 60.34b(b), NSPS Subpart Cb: Compliance Certification

1-19 40CFR 60.34b(b), NSPS Subpart Cb: Compliance Certification

**EU=U-0000A,EP=0000A,Proc=002,ES=00001**

1-20 40CFR 60.35b, NSPS Subpart Cb: Operating Manual

1-21 40CFR 60.35b, NSPS Subpart Cb: Operator Training

1-22 40CFR 60.35b, NSPS Subpart Cb: Compliance Certification

**EU=U-0000A,EP=0000A,Proc=002,ES=00001**

1-23 40CFR 60.38b, NSPS Subpart Cb: Compliance and performance testing.

**EU=U-0000C**

58 40CFR 60.38b, NSPS Subpart Cb: Continuous Monitoring

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

59 ECL 19-0301: Contaminant List

62 6NYCRR 219-7.2: Compliance Demonstration

**Emission Unit Level**

1-24 6NYCRR 219-7.2: Compliance Demonstration

1-25 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.

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

**Condition 23: Emission Unit Definition**

**Effective between the dates of 01/30/2007 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 201-6**

**Item 23.1(From Mod 1):**

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

Emission Unit: U-0000A

Emission Unit Description:

Municipal Solid Waste Combustor. Maximum heat input is 325 MMBTU/hr (equivalent to 750 tons per day MSW @ 5200 BTU/lb MSW). Combustion gases are exhausted through a stack that contains three flues (one for each of the three combustors).

**Item 23.2(From Mod 1):**

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

Emission Unit: U-0000B

Emission Unit Description:

Municipal Solid Waste Combustor. Maximum heat input is 325 MMBTU/hr (equivalent to 750 tons per day MSW @ 5200 BTU/lb MSW). Combustion gases are exhausted through a stack that contains three flues (one for each of the three combustors).

**Item 23.3(From Mod 1):**

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

Emission Unit: U-0000C

Emission Unit Description:

Municipal Solid Waste Combustor. Maximum heat input is 325 MMBTU/hr (equivalent to 750 tons per day MSW @ 5200 BTU/lb MSW). Combustion gases are exhausted through a stack that contains three flues (one for each of the three combustors).

**Item 23.4(From Mod 0):**



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

Emission Unit: U-0000H

Emission Unit Description:

184.1 Brake-Horsepower diesel fire pump (located in Pumphouse). Exempt Emission Unit per 6 NYCRR 201-3.2(c)(6).

Building(s): 003

**Item 23.5(From Mod 0):**

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

Emission Unit: U-0000J

Emission Unit Description:

Solvent Degreaser (located in Maintenance Area in Boiler Building).

Building(s): 001

**Item 23.6(From Mod 0):**

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

Emission Unit: U-0000K

Emission Unit Description:

The Ash Handling Building Ventilation System serves to reduce potential fugitive emissions of ash from the Ash Handling Building. This ventilation system includes the use of dust scrubbers that are vented to the atmosphere.

Building(s): 006

**Condition 1-1: Non Applicable requirements  
Effective for entire length of Permit**

**Applicable Federal Requirement:6NYCRR 201-6.5(g)**

**Replaces Condition(s) 25**

**Item 1-1.1:**

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

(From Mod 1)

6NYCRR 227-1

Reason: The combustors are regulated under 6 NYCRR 219-6.

40CFR 60-D

Reason: The combustors do not fire fossil fuel at a rate in excess of 250 mmBtu/hr.

40CFR 60-Db

Reason: The combustors are subject to 40 CFR 60 Subpart Cb and therefore are not subject to Db.

40CFR 60-Dc

Reason: The combustors have a heat input of greater than 100



mmBtu/hr.

40CFR 60-E

Reason: The combustors are subject to 40 CFR 60 Subpart Cb and therefore are not subject to E.

40CFR 60-Ea

Reason: The combustors were constructed prior to December 1989.

**Condition 25: Non Applicable requirements**  
**Effective between the dates of 01/30/2007 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 201-6.5(g)**

**Replaced by Condition(s) 1-1**

**Item 25.1:**

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

6NYCRR 227-1

Reason: THE BOILERS ARE REGULATED UNDER 6NYCRR 219-6

40CFR 60-D

Reason: THE BOILERS EACH ARE LESS THAN 250 MMMBTU/HR.

40CFR 60-Db

Reason: IN EXISTENCE PRIOR TO JUNE 1984.

40CFR 60-Dc

Reason: HEAT INPUT GREATER THAN 100 MMMBTU/HR.

40CFR 60-Ea

Reason: CONSTRUCTED PRIOR TO DECEMBER 1989.

**Condition 1-2: Compliance Certification**  
**Effective for entire length of Permit**

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

**Replaces Condition(s) 30**

**Item 1-2.1:**

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

Emission Unit: U-0000A

Emission Unit: U-0000B



Emission Unit: U-0000C

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 1-2.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emissions of Sulfur Dioxide shall not exceed 3.8 pounds per ton of refuse charged (0.7240 pounds per 1000 pounds of steam produced) or 153 ppm (corrected to 7% oxygen) per unit. SO<sub>2</sub> emissions will be monitored continuously.

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR ROLLING AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 30: Compliance Certification**

**Effective between the dates of 01/30/2007 and Permit Expiration Date**

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

**Replaced by Condition(s) 1-2**

**Item 30.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

**Item 30.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emissions of Sulfur Dioxide shall not exceed 3.8 pounds per ton of refuse charged (0.7240 pounds per 1000 pounds of steam produced) or 153 ppm (corrected to 7% oxygen). SO<sub>2</sub> emissions will be monitored continuously.

Reference Test Method: SO<sub>2</sub>

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR ROLLING AVERAGE



Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 37: Compliance Certification**  
**Effective between the dates of 01/30/2007 and Permit Expiration Date**

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

**Replaced by Condition(s) 1-13**

**Item 37.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 37.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit of 25 milligrams per dry standard cubic meter (corrected to 7% oxygen).

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

Reference Test Method: EPA Method 5

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 7/30/2007.

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

**Condition 38: Compliance Certification**  
**Effective between the dates of 01/30/2007 and Permit Expiration Date**

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

**Replaced by Condition(s) 1-14**

**Item 38.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A



Emission Unit: U-0000B

Emission Unit: U-0000C

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

**Item 38.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:  
Opacity emission limit.

Parameter Monitored: OPACITY  
Upper Permit Limit: 10 percent  
Reference Test Method: 40 CFR 60 Appendix B  
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 4/30/2007.  
Subsequent reports are due every 3 calendar month(s).

**Condition 1-3: Compliance Certification  
Effective for entire length of Permit**

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

**Replaces Condition(s) 39**

**Item 1-3.1:**

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

Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00004
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00005
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00006
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00017
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00018
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00007



Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00008
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00009
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00019
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00020
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00001
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00002
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00003
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00015
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00016

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

**Item 1-3.2:**

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 10 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.

Parameter Monitored: CADMIUM

Upper Permit Limit: 10 micrograms per dry standard cubic meter (corrected to 7% oxygen)

Reference Test Method: EPA Method 29



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

**Condition 39: Compliance Certification**  
**Effective between the dates of 01/30/2007 and Permit Expiration Date**

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

**Replaced by Condition(s) 1-3**

**Item 39.1:**

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

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

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

**Item 39.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Cadmium emission limit of 0.01 milligrams per dry  
standard cubic meter (corrected to 7% oxygen).

Upper Permit Limit: 0.01 milligrams per dry standard  
cubic meter (corrected to 7% oxygen)

Reference Test Method: EPA Method 29

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 7/30/2007.

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

**Condition 40: Compliance Certification**  
**Effective between the dates of 01/30/2007 and Permit Expiration Date**

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

**Expired by Mod 1**

**Item 40.1:**

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



Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

CAS No: 007439-92-1 LEAD

**Item 40.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Lead emission limit of 0.27 milligrams per dry standard cubic meter (corrected to 7% oxygen).

Upper Permit Limit: 0.27 milligrams per dry standard cubic meter (corrected to 7% oxygen)

Reference Test Method: EPA Method 29

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 7/30/2007.

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

**Condition 41: Compliance Certification**

**Effective between the dates of 01/30/2007 and Permit Expiration Date**

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

**Replaced by Condition(s) 1-15**

**Item 41.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

CAS No: 007439-97-6 MERCURY

**Item 41.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Mercury emission limit of 0.074 milligrams per dry standard cubic meter (corrected to 7% oxygen) or 85%



reduction - whichever is less stringent.

Upper Permit Limit: 0.074 milligrams per dry standard  
cubic meter (corrected to 7% oxygen)

Reference Test Method: EPA Method 29

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 7/30/2007.

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

**Condition 1-4: Compliance Certification**  
**Effective for entire length of Permit**

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

**Item 1-4.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00004
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00005
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00006
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00017
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00018
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00007
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00008
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00009
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00019
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00020
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00001



Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00002

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00003

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00015

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00016

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

**Item 1-4.2:**

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 270 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.

Parameter Monitored: LEAD

Upper Permit Limit: 270 micrograms per dry standard  
cubic meter (corrected to 7% oxygen)

Reference Test Method: EPA Method 29

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 42: Compliance Certification**  
**Effective between the dates of 01/30/2007 and Permit Expiration Date**

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

**Expired by Mod 1**

**Item 42.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:



Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 42.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Sulfur Dioxide emission limit of 29 ppmdv (corrected to 7% oxygen) or 77% reduction by weight or volume - whichever is less stringent.

Manufacturer Name/Model Number: CEM

Parameter Monitored: SULFUR DIOXIDE

Lower Permit Limit: 77 percent reduction by weight

Reference Test Method: 40 CFR 60 Appendix B and F

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY AVERAGE (GEOMETRIC MEAN)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 43: Compliance Certification**

**Effective between the dates of 01/30/2007 and Permit Expiration Date**

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

**Expired by Mod 1**

**Item 43.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 43.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:



Sulfur Dioxide emission limit of 29 ppmdv (corrected to 7% oxygen) or 77% reduction by weight or volume - whichever is less stringent.

Manufacturer Name/Model Number: CEM  
Parameter Monitored: SULFUR DIOXIDE  
Upper Permit Limit: 29 parts per million by volume (dry, corrected to 7% O<sub>2</sub>)  
Reference Test Method: 40 CFR 60 Appendix B and F  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 24 HOUR DAILY AVERAGE (GEOMETRIC MEAN)  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2007.  
Subsequent reports are due every 6 calendar month(s).

**Condition 44: Compliance Certification**  
**Effective between the dates of 01/30/2007 and Permit Expiration Date**

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

**Expired by Mod 1**

**Item 44.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

CAS No: 007647-01-0      HYDROGEN CHLORIDE

**Item 44.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Hydrogen Chloride emission limit of 29 ppmdv (corrected to 7% oxygen) or 95.4% reduction by weight or volume, whichever is less stringent.

Parameter Monitored: HYDROGEN CHLORIDE  
Lower Permit Limit: 95.4 percent reduction by volume  
Reference Test Method: EPA Method 26/26A  
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 7/30/2007.  
Subsequent reports are due every 6 calendar month(s).



**Condition 45: Compliance Certification**  
**Effective between the dates of 01/30/2007 and Permit Expiration Date**

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

**Expired by Mod 1**

**Item 45.1:**

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

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

CAS No: 007647-01-0      HYDROGEN CHLORIDE

**Item 45.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Hydrogen Chloride emission limit of 29 ppm<sub>dv</sub> (corrected to 7% oxygen) or 95.4% reduction by weight or volume, whichever is less stringent.

Parameter Monitored: HYDROGEN CHLORIDE

Upper Permit Limit: 29 parts per million by volume (dry, corrected to 7% O<sub>2</sub>)

Reference Test Method: EPA Method 26/26A

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 7/30/2007.

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

**Condition 1-5: Compliance Certification**  
**Effective for entire length of Permit**

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

**Item 1-5.1:**

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

Emission Unit: U-0000B  
Process: 005

Emission Point: 0000B  
Emission Source: 00004

Emission Unit: U-0000B

Emission Point: 0000B



Process: 005	Emission Source: 00005
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00006
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00017
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00018
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00007
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00008
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00009
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00019
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00020
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00001
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00002
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00003
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00015
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00016
Regulated Contaminant(s): CAS No: 007446-09-5	SULFUR DIOXIDE

**Item 1-5.2:**

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 23 percent of the potential sulfur dioxide



emission concentration (77-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.

Manufacturer Name/Model Number: CEM  
 Parameter Monitored: SULFUR DIOXIDE  
 Upper Permit Limit: 29 parts per million by volume (dry, corrected to 7% O<sub>2</sub>)  
 Reference Test Method: EPA Ref Test Method  
 Monitoring Frequency: CONTINUOUS  
 Averaging Method: 24 HOUR DAILY AVERAGE (GEOMETRIC MEAN)  
 Reporting Requirements: QUARTERLY (CALENDAR)  
 Reports due 30 days after the reporting period.  
 Subsequent reports are due every 3 calendar month(s).

**Condition 1-6: Compliance Certification**  
**Effective for entire length of Permit**

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

**Item 1-6.1:**

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

Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00004
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00005
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00006
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00017
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00018
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00007
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00008
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00009



Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00019
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00020
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00001
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00002
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00003
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00015
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00016

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

**Item 1-6.2:**

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 23 percent of the potential sulfur dioxide emission concentration (77-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.

Manufacturer Name/Model Number: CEM

Parameter Monitored: SULFUR DIOXIDE

Lower Permit Limit: 77 percent reduction by weight or volume (corrected to 7% O<sub>2</sub>, dry basis)

Reference Test Method: EPA Ref Test Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY AVERAGE (GEOMETRIC MEAN)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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



**Condition 1-7: Compliance Certification**  
**Effective for entire length of Permit**

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

**Item 1-7.1:**

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

Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00004
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00005
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00006
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00017
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00018
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00007
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00008
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00009
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00020
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00001
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00002
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00003
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00015
Emission Unit: U-0000A	Emission Point: 0000A



Process: 002

Emission Source: 00016

Regulated Contaminant(s):

CAS No: 007647-01-0

HYDROGEN CHLORIDE

**Item 1-7.2:**

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 parts per million by volume, corrected to 7 percent oxygen (dry basis) or, a 95.4 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.

Parameter Monitored: HYDROGEN CHLORIDE

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

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.

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

**Condition 1-8: Compliance Certification  
Effective for entire length of Permit**

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

**Item 1-8.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000B  
Process: 005

Emission Point: 0000B  
Emission Source: 00004

Emission Unit: U-0000B  
Process: 005

Emission Point: 0000B  
Emission Source: 00005

Emission Unit: U-0000B  
Process: 005

Emission Point: 0000B  
Emission Source: 00006



Emission Unit: U-0000B                      Emission Point: 0000B  
Process: 005                                      Emission Source: 00017

Emission Unit: U-0000B                      Emission Point: 0000B  
Process: 005                                      Emission Source: 00018

Emission Unit: U-0000C                      Emission Point: 0000C  
Process: 007                                      Emission Source: 00007

Emission Unit: U-0000C                      Emission Point: 0000C  
Process: 007                                      Emission Source: 00008

Emission Unit: U-0000C                      Emission Point: 0000C  
Process: 007                                      Emission Source: 00009

Emission Unit: U-0000C                      Emission Point: 0000C  
Process: 007                                      Emission Source: 00019

Emission Unit: U-0000C                      Emission Point: 0000C  
Process: 007                                      Emission Source: 00020

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00001

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00002

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00003

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00015

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00016

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

**Item 1-8.2:**

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 hydrogen chloride not to exceed 29 parts per million by volume, corrected to 7 percent oxygen (dry basis) or, a 95.4 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.

Parameter Monitored: HYDROGEN CHLORIDE  
Lower Permit Limit: 95.4 percent reduction by weight or volume (corrected to 7% O<sub>2</sub>, dry basis)

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

**Condition 46: Compliance Certification**  
**Effective between the dates of 01/30/2007 and Permit Expiration Date**

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

**Expired by Mod 1**

**Item 46.1:**

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

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

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

**Item 46.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emission limit of 27 nanograms per dry standard cubic meter (total mass, corrected to 7% oxygen).

Upper Permit Limit: 27 nanograms per dry standard cubic meter (corrected to 7% O<sub>2</sub>)

Reference Test Method: EPA Method 23  
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 7/30/2007.

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

**Condition 1-9: Compliance Certification  
Effective for entire length of Permit**

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

**Item 1-9.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00004
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00005
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00006
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00017
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00018
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00007
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00008
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00009
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00019
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00020
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00001
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00002
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00003
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00015



Emission Unit: U-0000A  
Process: 002

Emission Point: 0000A  
Emission Source: 00016

Regulated Contaminant(s):

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

**Item 1-9.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Each affected MWC unit which does not employ an electrostatic precipitator for emission controls is required to meet an emission concentration limit for dioxin/furan not to exceed 27 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.

Parameter Monitored: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

Upper Permit Limit: 27 nanograms per dry standard cubic meter (total mass, corrected to 7% O<sub>2</sub>)

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.

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

**Condition 1-10: Compliance Certification  
Effective for entire length of Permit**

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

**Replaces Condition(s) 47**

**Item 1-10.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000B  
Process: 005

Emission Point: 0000B  
Emission Source: 00004

Emission Unit: U-0000B  
Process: 005

Emission Point: 0000B  
Emission Source: 00005



Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00006
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00017
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00018
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00007
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00008
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00009
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00019
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00020
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00001
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00002
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00003
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00015
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00016

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

**Item 1-10.2:**

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 184 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 NO<sub>x</sub> according to a QA/QC plan approved by the Department.

Manufacturer Name/Model Number: CEM  
Parameter Monitored: OXIDES OF NITROGEN  
Upper Permit Limit: 184 parts per million by volume  
(dry, corrected to 7% O<sub>2</sub>)  
Reference Test Method: EPA Ref Test Method  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 24 HOUR DAILY AVERAGE (GEOMETRIC MEAN)  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
Subsequent reports are due every 3 calendar month(s).

**Condition 47: Compliance Certification**  
**Effective between the dates of 01/30/2007 and Permit Expiration Date**  
**Applicable Federal Requirement: 40CFR 60.33b(d), NSPS Subpart Cb**

**Replaced by Condition(s) 1-10**

**Item 47.1:**

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

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

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

**Item 47.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NO<sub>x</sub> emissions of 184 ppm<sub>dv</sub> corrected to 7% oxygen.

Manufacturer Name/Model Number: CEM  
Upper Permit Limit: 184 parts per million by volume  
(dry, corrected to 7% O<sub>2</sub>)  
Reference Test Method: NO<sub>x</sub>  
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 4/30/2007.  
Subsequent reports are due every 3 calendar month(s).



**Condition 48: Compliance Certification**  
**Effective between the dates of 01/30/2007 and Permit Expiration Date**

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

**Replaced by Condition(s) 1-17**

**Item 48.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 48.2:**

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.

Manufacturer Name/Model Number: CEM

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 100 parts per million by volume  
(dry, corrected to 7% O<sub>2</sub>)

Reference Test Method: CEM

Monitoring Frequency: CONTINUOUS

Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 49: Compliance Certification**  
**Effective between the dates of 01/30/2007 and Permit Expiration Date**

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

**Replaced by Condition(s) 1-19**

**Item 49.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B



Emission Unit: U-0000C

**Item 49.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The Permittee shall not cause the municipal waste combustor to operate at a temperature, measured at the particulate matter control device inlet, exceeding 17 degrees C above the maximum demonstrated particulate matter control device temperature during four consecutive hours (4-hour block arithmetic average) during the most recent dioxin/furan performance test demonstrating compliance with the applicable dioxin/furan limit, except as follows:

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

(2) The particulate matter control device temperature limits may be waived in accordance with permission granted 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.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 17 degrees Centigrade (or Celsius)

Monitoring Frequency: CONTINUOUS

Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 50: Operating Manual**

**Effective between the dates of 01/30/2007 and Permit Expiration Date**

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

**Replaced by Condition(s) 1-20**

**Item 50.1:**

The Permittee must develop and update on a yearly basis a site-specific operating manual that must, at a minimum, address the elements of municipal waste combustor unit operation specified below.

This manual must be found acceptable by the Department.



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

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

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

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

**Condition 51: Compliance Certification**  
**Effective between the dates of 01/30/2007 and Permit Expiration Date**

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

**Replaced by Condition(s) 1-11**

**Item 51.1:**

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

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

CAS No: 068131-74-8      ASHES (RESIDUES)

**Item 51.2:**



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 Reference Method 22

Monitoring Frequency: ANNUALLY

Averaging Method: 9 MINUTES PER 3-HOUR PERIOD

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2008.

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

**Condition 1-11: Compliance Certification  
Effective for entire length of Permit**

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

**Replaces Condition(s) 51**

**Item 1-11.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00001

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00002

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00003

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00015

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00016

Emission Unit: U-0000B                      Emission Point: 0000B



Process: 005	Emission Source: 00004
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00005
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00006
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00017
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00018
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00007
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00008
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00009
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00019
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00020

**Item 1-11.2:**

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

**Condition 52: Compliance and performance testing.**  
**Effective between the dates of 01/30/2007 and Permit Expiration Date**

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

**Replaced by Condition(s) 1-23**

**Item 52.1:**

This Condition applies to:

Emission Unit: U0000A

Emission Unit: U0000B

Emission Unit: U0000C

**Item 52:**

The Permittee shall meet the compliance and performance testing requirements listed in 40 CFR 60.58b, as applicable, to determine compliance with the limits specified in this permit.

**Item 52.2.3:**

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

**Condition 1-12: Compliance Certification**  
**Effective for entire length of Permit**

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

**Replaces Condition(s) 53**

**Item 1-12.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A  
Process: 002

Emission Point: 0000A  
Emission Source: 00001

Emission Unit: U-0000A  
Process: 002

Emission Point: 0000A  
Emission Source: 00002

Emission Unit: U-0000A  
Process: 002

Emission Point: 0000A  
Emission Source: 00003

Emission Unit: U-0000A  
Process: 002

Emission Point: 0000A  
Emission Source: 00015

Emission Unit: U-0000A  
Process: 002

Emission Point: 0000A  
Emission Source: 00016



Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00004
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00005
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00006
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00017
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00018
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00007
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00008
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00009
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00019
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00020

**Item 1-12.2:**

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.

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

**Condition 53: Compliance Certification**

**Effective between the dates of 01/30/2007 and Permit Expiration Date**

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

**Replaced by Condition(s) 1-12**



**Item 53.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 53.2:**

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: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 54: Compliance Certification**

**Effective between the dates of 01/30/2007 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.53b(b), NSPS Subpart Eb**

**Expired by Mod 1**

**Item 54.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

**Item 54.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Boiler 1 (Emission Unit U-0000A), Boiler 2 (Emission Unit U-0000B) and Boiler 3 (Emission Unit U-0000C) shall not operate at a load greater than 110% of the maximum demonstrated municipal waste combustor unit load as defined in 40 CFR 60.51b, except as specified in paragraphs 40 CFR 60.53b(b)(1) and (b)(2). The averaging time is specified under 40 CFR 60.58b(i).

Reference Test Method: Keep Records

Monitoring Frequency: ANNUALLY

Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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



**Condition 55: Compliance Certification**  
**Effective between the dates of 01/30/2007 and Permit Expiration Date**

**Applicable Federal Requirement:40CFR 60.54b, NSPS Subpart Eb**

**Expired by Mod 1**

**Item 55.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 55.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility standards for municipal waste combustor operator training and certification will be instituted according to provisions of 40 CFR Part 60 § 60.54b(c) promulgated by USEPA on May 10, 2006 effective November 6, 2006.

Reference Test Method: Keep Records

Monitoring Frequency: ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

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

**Condition 56: Emission Point Definition By Emission Unit**  
**Effective between the dates of 01/30/2007 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 201-6**

**Item 56.1(From Mod 1):**

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

Emission Unit: U-0000A

Emission Point: 0000A

Height (ft.): 195 Diameter (in.): 135  
NYTMN (km.): 4571.223 NYTME (km.): 591.032

**Item 56.2(From Mod 1):**

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

Emission Unit: U-0000B

Emission Point: 0000B

Height (ft.): 195 Diameter (in.): 135  
NYTMN (km.): 4571.223 NYTME (km.): 591.032



**Item 56.3(From Mod 1):**

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

Emission Unit: U-0000C

Emission Point: 0000C

Height (ft.): 195 Diameter (in.): 135  
NYTMN (km.): 4571.223 NYTME (km.): 591.032

**Item 56.4(From Mod 0):**

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

Emission Unit: U-0000K

Emission Point: 00006

Height (ft.): 67 Diameter (in.): 20  
NYTMN (km.): 4571.223 NYTME (km.): 591.032 Building: 006

Emission Point: 00007

Height (ft.): 67 Diameter (in.): 20  
NYTMN (km.): 4571.223 NYTME (km.): 591.032 Building: 006

**Condition 57: Process Definition By Emission Unit  
Effective between the dates of 01/30/2007 and Permit Expiration Date**

**Applicable Federal Requirement:6NYCRR 201-6**

**Item 57.1(From Mod 1):**

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

Emission Unit: U-0000A

Process: 001 Source Classification Code: 3-90-006-89

Process Description:

Natural Gas Firing (auxiliary fuel). Boiler #1 is equipped with one natural gas fired auxiliary burner rated at 11.9 MMBTU/hr. The auxiliary burner is used to preheat the boiler during startup and is used to stabilize combustion conditions during shutdown and other transitory conditions.

Emission Source/Control: 00001 - Incinerator

Design Capacity: 325 million Btu per hour

Waste Feed Method: CHUTE FED

Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID WASTE

**Item 57.2(From Mod 1):**

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

Emission Unit: U-0000A

Process: 002 Source Classification Code: 5-01-001-02

Process Description: Municipal Solid Waste Firing.



Emission Source/Control: 00002 - Control  
Control Type: DRY SPRAY ABSORPTION

Emission Source/Control: 00003 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 00015 - Control  
Control Type: SELECTIVE NON-CATALYTIC REDUCTION  
(SNCR)

Emission Source/Control: 00016 - Control  
Control Type: ACTIVATED CARBON INJECTION

Emission Source/Control: 00001 - Incinerator  
Design Capacity: 325 million Btu per hour  
Waste Feed Method: CHUTE FED  
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID  
WASTE

**Item 57.3(From Mod 1):**

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

Emission Unit: U-0000B  
Process: 004 Source Classification Code: 3-90-006-89  
Process Description:

Natural Gas Firing (auxiliary fuel). Boiler #2 is equipped with one natural gas fired auxiliary burner rated at 11.9 MMBTU/hr. The auxiliary burner is used to preheat the boiler during startup and is used to stabilize combustion conditions during shutdown and other transitory conditions.

Emission Source/Control: 00004 - Incinerator  
Design Capacity: 325 million Btu per hour  
Waste Feed Method: CHUTE FED  
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID  
WASTE

**Item 57.4(From Mod 1):**

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

Emission Unit: U-0000B  
Process: 005 Source Classification Code: 5-01-001-02  
Process Description: Municipal Solid Waste Firing.

Emission Source/Control: 00005 - Control  
Control Type: DRY SPRAY ABSORPTION

Emission Source/Control: 00006 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 00017 - Control



Control Type: SELECTIVE NON-CATALYTIC REDUCTION  
(SNCR)

Emission Source/Control: 00018 - Control  
Control Type: ACTIVATED CARBON INJECTION

Emission Source/Control: 00004 - Incinerator  
Design Capacity: 325 million Btu per hour  
Waste Feed Method: CHUTE FED  
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID  
WASTE

**Item 57.5(From Mod 1):**

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

Emission Unit: U-0000C  
Process: 006 Source Classification Code: 3-90-006-89  
Process Description:

Natural Gas Firing (auxiliary fuel). Boiler #3 is equipped with one natural gas fired auxiliary burner rated at 11.9 MMBTU/hr. The auxiliary burner is used to preheat the boiler during startup and is used to stabilize combustion conditions during shutdown and other transitory conditions.

Emission Source/Control: 00007 - Incinerator  
Design Capacity: 325 million Btu per hour  
Waste Feed Method: CHUTE FED  
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID  
WASTE

**Item 57.6(From Mod 1):**

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

Emission Unit: U-0000C  
Process: 007 Source Classification Code: 5-01-001-02  
Process Description: Municipal Solid Waste Firing.

Emission Source/Control: 00008 - Control  
Control Type: DRY SPRAY ABSORPTION

Emission Source/Control: 00009 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: 00019 - Control  
Control Type: SELECTIVE NON-CATALYTIC REDUCTION  
(SNCR)

Emission Source/Control: 00020 - Control  
Control Type: ACTIVATED CARBON INJECTION

Emission Source/Control: 00007 - Incinerator  
Design Capacity: 325 million Btu per hour



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

**Item 57.7(From Mod 0):**

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

Emission Unit: U-0000H  
Process: 012 Source Classification Code: 5-01-006-04  
Process Description: 184.1 Brake-Horsepower Diesel Fire Pump.

Emission Source/Control: PUMPO - Process

**Item 57.8(From Mod 0):**

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

Emission Unit: U-0000J  
Process: 014 Source Classification Code: 4-01-002-01  
Process Description: Solvent Degreasing.

Emission Source/Control: DEGRE - Process

**Item 57.9(From Mod 0):**

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

Emission Unit: U-0000K  
Process: 015 Source Classification Code: 5-03-008-99  
Process Description:

The Ash Handling Building Ventilation system serves to reduce potential fugitive emissions of ash from the Ash Handling Building. This ventilation system includes the use of dust scrubbers that are vented to the atmosphere. The ventilation system is used as necessary when the metals recovery system is operating and/or ash loadout activities are occurring.

Emission Source/Control: 00022 - Control  
Control Type: WET SCRUBBER

Emission Source/Control: 00023 - Control  
Control Type: WET SCRUBBER

Emission Source/Control: 00021 - Process

**Condition 1-13: Compliance Certification**  
**Effective for entire length of Permit**

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

**Replaces Condition(s) 37**

**Item 1-13.1:**

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



Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00001
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00002
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00003
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00015
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00016
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00004
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00005
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00006
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00017
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00018
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00007
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00008
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00009
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00019
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00020

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

**Item 1-13.2:**

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: EPA Ref Method 5

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 1-14: Compliance Certification  
Effective for entire length of Permit**

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

**Replaces Condition(s) 38**

**Item 1-14.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00001

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00002

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00003

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00015

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00016

Emission Unit: U-0000B                      Emission Point: 0000B  
Process: 005                                      Emission Source: 00004

Emission Unit: U-0000B                      Emission Point: 0000B  
Process: 005                                      Emission Source: 00005



Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00006
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00017
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00018
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00007
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00008
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00009
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00019
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00020

**Item 1-14.2:**

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

**Condition 1-15: Compliance Certification**  
**Effective for entire length of Permit**

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



**Replaces Condition(s) 41**

**Item 1-15.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A	Emission Point: 0000A
Process: 002	Emission Source: 00001

Emission Unit: U-0000A	Emission Point: 0000A
Process: 002	Emission Source: 00002

Emission Unit: U-0000A	Emission Point: 0000A
Process: 002	Emission Source: 00003

Emission Unit: U-0000A	Emission Point: 0000A
Process: 002	Emission Source: 00015

Emission Unit: U-0000A	Emission Point: 0000A
Process: 002	Emission Source: 00016

Emission Unit: U-0000B	Emission Point: 0000B
Process: 005	Emission Source: 00004

Emission Unit: U-0000B	Emission Point: 0000B
Process: 005	Emission Source: 00005

Emission Unit: U-0000B	Emission Point: 0000B
Process: 005	Emission Source: 00006

Emission Unit: U-0000B	Emission Point: 0000B
Process: 005	Emission Source: 00017

Emission Unit: U-0000B	Emission Point: 0000B
Process: 005	Emission Source: 00018

Emission Unit: U-0000C	Emission Point: 0000C
Process: 007	Emission Source: 00007

Emission Unit: U-0000C	Emission Point: 0000C
Process: 007	Emission Source: 00008

Emission Unit: U-0000C	Emission Point: 0000C
Process: 007	Emission Source: 00009

Emission Unit: U-0000C	Emission Point: 0000C
Process: 007	Emission Source: 00019

Emission Unit: U-0000C	Emission Point: 0000C
Process: 007	Emission Source: 00020

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



**Item 1-15.2:**

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.

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

**Condition 1-16: Compliance Certification  
Effective for entire length of Permit**

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

**Item 1-16.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00001
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00002
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00003
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00015
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00016



Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00004
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00005
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00006
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00017
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00018
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00007
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00008
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00009
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00019
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00020

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

**Item 1-16.2:**

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% O<sub>2</sub>, 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.  
Subsequent reports are due every 6 calendar month(s).

**Condition 1-17: Compliance Certification**  
**Effective for entire length of Permit**

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

**Replaces Condition(s) 48**

**Item 1-17.1:**

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

Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00001
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00002
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00003
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00015
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00016
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00004
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00005
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00006
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00017
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00018
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00007



Emission Unit: U-0000C                      Emission Point: 0000C  
Process: 007                                      Emission Source: 00008

Emission Unit: U-0000C                      Emission Point: 0000C  
Process: 007                                      Emission Source: 00009

Emission Unit: U-0000C                      Emission Point: 0000C  
Process: 007                                      Emission Source: 00019

Emission Unit: U-0000C                      Emission Point: 0000C  
Process: 007                                      Emission Source: 00020

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

**Item 1-17.2:**

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.

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

**Condition 1-18: Compliance Certification  
Effective for entire length of Permit**

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

**Item 1-18.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00001

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00002

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00003

Emission Unit: U-0000A                      Emission Point: 0000A  
Process: 002                                      Emission Source: 00015



Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00016
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00004
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00005
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00006
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00017
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00018
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00007
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00008
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00009
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00019
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00020

**Item 1-18.2:**

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

**Condition 1-19: Compliance Certification**  
**Effective for entire length of Permit**

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

**Replaces Condition(s) 49**

**Item 1-19.1:**

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

Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00001
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00002
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00003
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00015
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00016
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00004
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00005
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00006



Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00017
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00018
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00007
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00008
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00009
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00019
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00020

**Item 1-19.2:**

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

**Condition 1-20: Operating Manual**  
**Effective for entire length of Permit**

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

**Replaces Condition(s) 50**

**Item 1-20.1:**

This Condition applies to:

Emission Unit: U0000A Process: 002	Emission Point: 0000A Emission Source: 00002
Emission Unit: U0000A Process: 002	Emission Point: 0000A Emission Source: 00003
Emission Unit: U0000A Process: 002	Emission Point: 0000A Emission Source: 00015
Emission Unit: U0000A Process: 002	Emission Point: 0000A Emission Source: 00016
Emission Unit: U0000B Process: 005	Emission Point: 0000B Emission Source: 00004
Emission Unit: U0000B Process: 005	Emission Point: 0000B Emission Source: 00005
Emission Unit: U0000B Process: 005	Emission Point: 0000B Emission Source: 00006
Emission Unit: U0000B Process: 005	Emission Point: 0000B Emission Source: 00017
Emission Unit: U0000B Process: 005	Emission Point: 0000B Emission Source: 00018
Emission Unit: U0000C Process: 007	Emission Point: 0000C Emission Source: 00007
Emission Unit: U0000C Process: 007	Emission Point: 0000C Emission Source: 00008
Emission Unit: U0000C	Emission Point: 0000C





**Item 1-21.1:**

This Condition applies to:

Emission Unit: U0000A Process: 002	Emission Point: 0000A Emission Source: 00002
Emission Unit: U0000A Process: 002	Emission Point: 0000A Emission Source: 00003
Emission Unit: U0000A Process: 002	Emission Point: 0000A Emission Source: 00015
Emission Unit: U0000A Process: 002	Emission Point: 0000A Emission Source: 00016
Emission Unit: U0000B Process: 005	Emission Point: 0000B Emission Source: 00004
Emission Unit: U0000B Process: 005	Emission Point: 0000B Emission Source: 00005
Emission Unit: U0000B Process: 005	Emission Point: 0000B Emission Source: 00006
Emission Unit: U0000B Process: 005	Emission Point: 0000B Emission Source: 00017
Emission Unit: U0000B Process: 005	Emission Point: 0000B Emission Source: 00018
Emission Unit: U0000C Process: 007	Emission Point: 0000C Emission Source: 00007
Emission Unit: U0000C Process: 007	Emission Point: 0000C Emission Source: 00008
Emission Unit: U0000C Process: 007	Emission Point: 0000C Emission Source: 00009
Emission Unit: U0000C Process: 007	Emission Point: 0000C Emission Source: 00019
Emission Unit: U0000C Process: 007	Emission Point: 0000C Emission Source: 00020

**Item 1-21.1:**

This Condition applies to Emission Unit: U-0000A Emission Point: 0000A  
Process: 002 Emission Source: 00001

**Item 1-21.2.3:**



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

**Condition 1-22: Compliance Certification**  
**Effective for entire length of Permit**

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

**Item 1-22.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00001
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00002
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00003
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00015
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00016
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00004
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00005
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00006
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00017
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00018
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00007



Emission Unit: U-0000C  
Process: 007

Emission Point: 0000C  
Emission Source: 00008

Emission Unit: U-0000C  
Process: 007

Emission Point: 0000C  
Emission Source: 00009

Emission Unit: U-0000C  
Process: 007

Emission Point: 0000C  
Emission Source: 00019

Emission Unit: U-0000C  
Process: 007

Emission Point: 0000C  
Emission Source: 00020

**Item 1-22.2:**

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 without notice to, or approval by, the Department for up to six months before taking the ASME QRO certification exam.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 1-23: Compliance and performance testing.  
Effective for entire length of Permit**

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

**Replaces Condition(s) 52**

**Item 1-23.1:**

This Condition applies to:

Emission Unit: U0000A      Emission Point: 0000A  
Process: 002                      Emission Source: 00002

Emission Unit: U0000A      Emission Point: 0000A  
Process: 002                      Emission Source: 00003

Emission Unit: U0000A      Emission Point: 0000A  
Process: 002                      Emission Source: 00015

Emission Unit: U0000A      Emission Point: 0000A





**Expired by Mod 1**

**Item 58.1:**

This Condition applies to:

Emission Unit: U0000A

Emission Unit: U0000B

**Item 58.1:**

This Condition applies to Emission Unit: U-0000C

**Item 58.2.3:**

The facility shall install, calibrate, maintain, and operate a continuous emission monitoring system and record the output of the system for measuring the oxygen or carbon dioxide content of the flue gas at each location where carbon monoxide, sulfur dioxide, or nitrogen oxides emissions are monitored and shall comply with the test procedures and test methods specified in paragraphs (b)(1) through (b)(7) of 40CFR60.58b.

If carbon dioxide is selected for use in diluent corrections, the relationship between oxygen and carbon dioxide levels shall be established during the initial performance test according to the procedures and methods specified in paragraphs (b)(6)(i) through (b)(6)(iv) of 40CFR60.58b.



**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 59: Contaminant List  
Effective between the dates of 01/30/2007 and Permit Expiration Date**

**Applicable State Requirement:ECL 19-0301**

**Item 59.1:**

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: 007440-43-9



Name: CADMIUM

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 007647-01-0

Name: HYDROGEN CHLORIDE

CAS No: 007439-92-1

Name: LEAD

CAS No: 007439-97-6

Name: MERCURY

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

**Condition 62: Compliance Demonstration**  
**Effective between the dates of 01/30/2007 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 219-7.2**

**Expired by Mod 1**

**Item 62.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

CAS No: 007439-97-6      MERCURY

**Item 62.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emission limit for mercury is 28 ug/dscm (corrected to 7% oxygen). Annual compliance is based on the annual stack tests on each municipal waste combustor (MWC) unit at the facility using the stack testing procedures contained in 40 CFR 60.58b(d)(2). Each of the facility's MWC unit must be in compliance with the emission limit of



28 ug/dscm or 85% reduction of mercury, whichever is less stringent. 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: As indicated above

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

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

**Condition 1-24: Compliance Demonstration  
Effective for entire length of Permit**

**Applicable State Requirement:6NYCRR 219-7.2**

**Item 1-24.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00001
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00002
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00003
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00015
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00016
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00004
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00005
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00006



Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00017
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00018
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00007
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00008
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00009
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00019
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00020

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

**Item 1-24.2:**

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.

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

**Condition 1-25: Compliance Demonstration**  
**Effective for entire length of Permit**



**Applicable State Requirement:6NYCRR 219-7.2**

**Item 1-25.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00001
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00002
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00003
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00015
Emission Unit: U-0000A Process: 002	Emission Point: 0000A Emission Source: 00016
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00004
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00005
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00006
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00017
Emission Unit: U-0000B Process: 005	Emission Point: 0000B Emission Source: 00018
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00007
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00008
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00009
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00019
Emission Unit: U-0000C Process: 007	Emission Point: 0000C Emission Source: 00020

Regulated Contaminant(s):



CAS No: 007439-97-6      MERCURY

**Item 1-25.2:**

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% O<sub>2</sub>, 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.

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

New York State Department of Environmental Conservation

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031

