



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

**IDENTIFICATION INFORMATION**

Permit Type: Air Title V Facility  
Permit ID: 3-5512-00031/00014  
Effective Date: 12/13/2016 Expiration Date: 12/12/2021

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

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

Contact: BRETT BAKER  
CHARLES POINT RESOURCE RECOVERY FACILITY  
1 CHARLES POINT AVE  
PEEKSKILL, NY 10566  
(914) 739-9304

Description:  
Wheelabrator Westchester LP is an existing waste to energy facility with three identical municipal solid waste (MSW) combustor. Each combustor is rated at 750 tons per day, equivalent to 325 MMBtu/hr at 5,200 Btu/lb MSW. The facility-wide allowable maximum municipal solid waste is 755,000 tons per year based on Title V Renewal 2 permit modification and Solid Waste Management permit modification tonnage increase. The facility-wide NOx emission is limited to 1066 tons per year (tpy) as established in the Title V renewal 2 modification in order to stay below significant emission increase threshold of 25 tpy.

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: GEORGE A SWEIKERT  
NYSDEC - REGION 3  
21 S PUTT CORNERS RD



NEW PALTZ, NY 12561-1696

Authorized Signature: \_\_\_\_\_  
Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_\_



**Notification of Other State Permittee Obligations**

**Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification**

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

**Item B: Permittee's Contractors to Comply with Permit**

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

**Item C: Permittee Responsible for Obtaining Other Required Permits**

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

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

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



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

- Facility Inspection by the Department
- Relationship of this Permit to Other Department Orders and Determinations
- Applications for permit renewals, modifications and transfers
- Permit modifications, suspensions or revocations by the Department

**Facility Level**

- Submission of application for permit modification or renewal-REGION 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: 6 NYCRR 621.11**

**Item 3.1:**

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

**Item 3.2:**

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

**Item 3.3**

Permits are transferrable with the approval of the department unless specifically prohibited by



the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

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

**Item 4.1:**

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

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

**\*\*\*\* Facility Level \*\*\*\***

**Condition 5: Submission of application for permit modification or renewal-REGION 3 HEADQUARTERS**  
**Applicable State Requirement: 6 NYCRR 621.6 (a)**

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 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  
1 CHARLES PT AVE  
PEEKSKILL, NY 10566

Authorized Activity By Standard Industrial Classification Code:  
4953 - REFUSE SYSTEMS  
9999 - NONCLASSIFIABLE ESTABLISHMENTS

Permit Effective Date: 12/13/2016

Permit Expiration Date: 12/12/2021



## LIST OF CONDITIONS

### FEDERALLY ENFORCEABLE CONDITIONS

#### Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.4 (a) (7): Fees
- 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
- 4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
- 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.4 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 14 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 15 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 16 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 17 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 18 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 19 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
- 20 6 NYCRR 202-1.1: Required Emissions Tests
- 21 40 CFR Part 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6 NYCRR Subpart 201-6: Emission Unit Definition
- 24 6 NYCRR 201-6.4: Compliance Certification
- 25 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 26 6 NYCRR 201-6.4 (g): Non Applicable requirements
- 27 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- \*28 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 29 6 NYCRR 207.2 (f): Episode Action Plan Available
- 30 6 NYCRR 207.3 (d): Episode Action Plans
- 31 6 NYCRR 211.1: Air pollution prohibited
- 32 6 NYCRR 219-6.4: Compliance Certification
- 33 6 NYCRR 225-1.2 (f): Compliance Certification
- 34 6 NYCRR 231-6.2: Compliance Certification
- 35 6 NYCRR 231-11.2 (b): Compliance Certification
- 36 6 NYCRR 231-11.2 (c): Compliance Certification
- 37 40CFR 52.21(j), Subpart A: Compliance Certification
- 38 40CFR 52.21(j), Subpart A: Compliance Certification
- 39 40CFR 52.21(j), Subpart A: Compliance Certification
- 40 40CFR 52.21(j), Subpart A: Compliance Certification
- 41 40CFR 52.21(j), Subpart A: Compliance Certification
- 42 40CFR 52.21(j), Subpart A: Compliance Certification
- 43 40CFR 52.21(j), Subpart A: Compliance Certification





- 44 40CFR 52.21(j), Subpart A: Compliance Certification
- 45 40CFR 52.21(j), Subpart A: Compliance Certification
- 46 40CFR 52.21(j), Subpart A: Compliance Certification
- 47 40CFR 52.21(j), Subpart A: Compliance Certification
- 48 40CFR 52.21(j), Subpart A: Compliance Certification
- 49 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 50 40CFR 60.33b(a)(1)(i), NSPS Subpart Cb: Compliance Certification
- 51 40CFR 60.33b(a)(3), NSPS Subpart Cb: Compliance Certification
- 52 40CFR 60.33b(a)(3), NSPS Subpart Cb: Compliance Certification
- 53 40CFR 60.33b(b)(3)(i), NSPS Subpart Cb: Compliance Certification
- 54 40CFR 60.33b(b)(3)(ii), NSPS Subpart Cb: Compliance Certification
- 55 40CFR 60.35b, NSPS Subpart Cb: Operating Manual
- 56 40CFR 60.35b, NSPS Subpart Cb: Operator Training
- 57 40CFR 60.35b, NSPS Subpart Cb: Compliance Certification
- 58 40CFR 60.36b, NSPS Subpart Cb: Compliance Certification
- 59 40CFR 60.38b, NSPS Subpart Cb: Compliance and performance testing.
- 60 40CFR 60.39b(a), NSPS Subpart Cb: Compliance Certification
- 61 40CFR 63, Subpart ZZZZ: Applicability

**Emission Unit Level**

- 62 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 63 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 64 40CFR 60.33b(a)(1)(iii), NSPS Subpart Cb: Compliance Certification
- 65 40CFR 60.34b(a), NSPS Subpart Cb: Compliance Certification
- 66 40CFR 60.34b(b), NSPS Subpart Cb: Compliance Certification
- 67 40CFR 60.34b(b), NSPS Subpart Cb: Compliance Certification
- 68 40CFR 60.58b(g)(5)(iii), NSPS Subpart Eb: Compliance Certification

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 69 ECL 19-0301: Contaminant List
- 70 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 71 6 NYCRR 211.2: Visible Emissions Limited

**Emission Unit Level**

- 72 6 NYCRR 219-7.2: Compliance Demonstration
- 73 6 NYCRR 219-7.2: Compliance Demonstration

NOTE: \* preceding the condition number indicates capping.



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

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

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

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

**Item B: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (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 C: Certification by a Responsible Official - 6 NYCRR 201-6.2 (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 D: Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (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 E: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (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 F: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (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 G: Property Rights - 6 NYCRR 201-6.4 (a) (6)**

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

**Item H: Severability - 6 NYCRR 201-6.4 (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 I: Permit Shield - 6 NYCRR 201-6.4 (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 J: Reopening for Cause - 6 NYCRR 201-6.4 (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 K: 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 L: Federally Enforceable Requirements - 40 CFR 70.6 (b)**

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

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

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

**Condition 1: Acceptable Ambient Air Quality  
Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement: 6 NYCRR 200.6**

**Item 1.1:**

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



emission control required.

**Condition 2: Fees**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (7)**

**Item 2.1:**

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

**Condition 3: Recordkeeping and Reporting of Compliance Monitoring**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (c)**

**Item 3.1:**

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

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

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.2 of Part 201.

**Condition 4: Records of Monitoring, Sampling, and Measurement**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (c) (2)**

**Item 4.1:**

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



**Condition 5: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (c) (3) (ii)**

**Item 5.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 5.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring



report required above.

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

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.2(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

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

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

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual report a summary of the testing results and shall indicate





whether or not the Department or EPA has approved the results.

All semiannual reports may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**Condition 6: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement: 6 NYCRR 201-6.4 (e)**

**Item 6.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 6.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- i. Compliance certifications shall contain:
  - the identification of each term or condition of the permit that is the basis of the certification;
  - the compliance status;
  - whether compliance was continuous or intermittent;
  - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related record keeping and reporting requirements of this permit;
  - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions;



and

- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

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

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

iv. All annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

Chief – Stationary Source Compliance Section  
USEPA Region 2  
Air Compliance Branch  
290 Broadway  
New York, NY 10007-1866

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer  
NYSDEC  
21 South Putt Corners Road  
New Paltz, NY 12561-1696

The address for the BQA is as follows:

NYSDEC  
Bureau of Quality Assurance

**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031



625 Broadway  
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2017.  
Subsequent reports are due on the same day each year

**Condition 7: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:6 NYCRR 202-2.1**

**Item 7.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 7.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air Resources, Bureau of Air Quality Planning, 625 Broadway, Albany NY 12233-3251

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

**Condition 8: Recordkeeping requirements**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:6 NYCRR 202-2.5**

**Item 8.1:**

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

(1) a copy of each emission statement submitted to the department; and

(2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

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

**Condition 9: Open Fires - Prohibitions**  
**Effective between the dates of 12/13/2016 and 12/12/2021**



**Applicable Federal Requirement:6 NYCRR 215.2**

**Item 9.1:**

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

**Item 9.2**

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

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
- (i) Prescribed burns performed according to Part 194 of this Title.
- (j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
- (k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
- (l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

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



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

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

**Condition 10: Maintenance of Equipment**  
Effective between the dates of 12/13/2016 and 12/12/2021

**Applicable Federal Requirement:6 NYCRR 200.7**

**Item 10.1:**

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

**Condition 11: Recycling and Salvage**  
Effective between the dates of 12/13/2016 and 12/12/2021

**Applicable Federal Requirement:6 NYCRR 201-1.7**

**Item 11.1:**

Where practical, the owner or operator of an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

**Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air**  
Effective between the dates of 12/13/2016 and 12/12/2021

**Applicable Federal Requirement:6 NYCRR 201-1.8**

**Item 12.1:**

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

**Condition 13: Exempt Sources - Proof of Eligibility**  
Effective between the dates of 12/13/2016 and 12/12/2021

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

**Item 13.1:**

The owner or operator of an emission source or activity that is listed as being exempt may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all records necessary for demonstrating compliance with this Subpart on-site for a period of five years, and make them available to representatives of the department upon request.



**Condition 14: Exempt Sources - Proof of Eligibility**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 14.1:**

The owner or operator of an emission source or activity that is listed as being exempt may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all records necessary for demonstrating compliance with this Subpart on-site for a period of five years, and make them available to representatives of the department upon request.

**Condition 15: Trivial Sources - Proof of Eligibility**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 15.1:**

The owner or operator of an emission source or activity that is listed as being trivial in this Section may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.

**Condition 16: Trivial Sources - Proof of Eligibility**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 16.1:**

The owner or operator of an emission source or activity that is listed as being trivial in this Section may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.

**Condition 17: Requirement to Provide Information**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (4)**

**Item 17.1:**

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

**Condition 18: Right to Inspect**



**Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (8)**

**Item 18.1:**

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

(i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

(ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

(iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and

(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

**Condition 19: Off Permit Changes**

**Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (f) (6)**

**Item 19.1:**

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

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

(ii) The permit shield described in section 6 NYCRR 201-6.4 shall not apply to any change made pursuant to this paragraph.

**Condition 20: Required Emissions Tests**

**Effective between the dates of 12/13/2016 and 12/12/2021**



**Applicable Federal Requirement:6 NYCRR 202-1.1**

**Item 20.1:**

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

**Condition 21: Accidental release provisions.  
Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:40 CFR Part 68**

**Item 21.1:**

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

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
  - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,
  - 2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

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

**Condition 22: Recycling and Emissions Reduction  
Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:40CFR 82, Subpart F**

**Item 22.1:**

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

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



**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031



**Condition 23: Emission Unit Definition**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 23.1:**

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:**

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:**

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:**

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

Emission Unit: U-0000H

Emission Unit Description:

235 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:**

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).

New York State Department of Environmental Conservation

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031



Building(s): 001

**Item 23.6:**

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. The ventilation system is used as necessary when the metals recovery system is operating and/or ash loadout activities are occurring.

Building(s): 006

**Condition 24: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4**

**Item 24.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 24.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Combined upprocessed refuse charged into Emission U-0000A, U-0000B and U-0000C will be limited to 755,000 tons per year of municipal solid waste.

Work Practice Type: PROCESS MATERIAL THRUPUT

Upper Permit Limit: 755,000 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**Condition 25: Progress Reports Due Semiannually**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (d) (4)**

**Item 25.1:**

Progress reports consistent with an applicable schedule of compliance are to be submitted at

**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031



least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:

(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

**Condition 26: Non Applicable requirements  
Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:6 NYCRR 201-6.4 (g)**

**Item 26.1:**

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.

40 CFR 60.14

Reason: Within 180 days of the completion of any physical or operational change (as defined in section 60.14), compliance with the applicable standards must be achieved. The facility will optimize its existing Selective Non-Catalytic Reduction (SNCR) system to achieve NOx reduction and will not be subject to NSPS Subpart Eb as a result of the proposed project.

**Condition 27: Facility Permissible Emissions  
Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 27.1:**

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 0NY210-00-0

PTE: 2,132,000 pounds per year

Name: OXIDES OF NITROGEN

**Condition 28: Capping Monitoring Condition  
Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 28.1:**

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to

**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031



the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR Subpart 231-6

6 NYCRR Subpart 231-8

**Item 28.2:**

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

**Item 28.3:**

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

**Item 28.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 28.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 28.6:**

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 28.7:**

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Facility-wide NOx emissions shall be capped at 1066 tons per year (tpy) in order to limit NOx emissions to no greater than 24.5 tpy above the baseline emissions. The

New York State Department of Environmental Conservation

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031



emission cap is being imposed to stay below significant emission increase threshold of 25 tpy to confirm Nonattainment New Source Review (NNSR) 6NYCRR Part 231-6 and 6NYCRR Part 231-8 Attainment Area Prevention of Significant Deterioration (PDS) major modification non-applicability. Additionally, the emission cap establishes the emission limit of the facility to comply with the provisions of section 231-6.2(b) permit requirements for netting. The facility shall utilize 40 CFR 60 compliant CEMs to record emissions from Emission Units U-0000A, U-0000B, and U-0000C. Monthly and consecutive 12-month facility total NOx emissions shall be recorded from CEMs each month. On an annual basis, the owner or operator shall submit to the DEC a report of the actual emissions of NOx in tpy and compare those emissions to the baseline emissions based on the following methodology to calculate monthly emissions:

Monthly NOx Total = Monthly average NOx ppm 7%O2 x Conversion Factor (lb NOx/dscf ppm) x average stack test flow (dscf/minute 7% O2) x 60 minutes / hour x monthly steam flow average (Klbs/hr) / stack test steam flow average (Klbs/hr) x total monthly operating hours.

The Conversion Factor = 1.194E-07 from 40 CFR 60 Appendix A Test Method 19.

Manufacturer Name/Model Number: CEM  
Upper Permit Limit: 1066 tons per year  
Reference Test Method: EPA Ref Test Method  
Monitoring Frequency: CONTINUOUS  
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2017.  
Subsequent reports are due every 12 calendar month(s).

**Condition 29: Episode Action Plan Available**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:6 NYCRR 207.2 (f)**

**Item 29.1: An owner of a significant air contamination source shall make his episode action plan available at a convenient location on premises for review by the commissioner or his representative, at any time.**

**Condition 30: Episode Action Plans**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:6 NYCRR 207.3 (d)**

**Item 30.1:**



**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031

Any person who owns an air contamination source for which an episode action plan has been issued or approved shall take whatever actions are prescribed by this action plan when an air pollution episode is in effect.

**Condition 31: Air pollution prohibited**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 31.1:**

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

**Condition 32: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:6 NYCRR 219-6.4**

**Item 32.1:**

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 32.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Monitoring of superheater outlet temperature as a surrogate for odor control for Boiler 1 (Emission Unit U-0000A), Boiler 2 (Emission Unit U-0000B) and Boiler 3 (Emission Unit U-0000C). The outlet temperature will be maintained at not less than 700 degrees Fahrenheit while the incinerator is in operation except during periods of startup and shutdown. Continuous monitoring using a 1-hour block average.

Manufacturer Name/Model Number: Thermocouple

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 700 degrees Fahrenheit

**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MINIMUM-NOT TO FALL BELOW EXCEPT DURING STARTUP/SHUTDOWN

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**Condition 33: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:6 NYCRR 225-1.2 (f)**

**Item 33.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 33.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of commercial, industrial, or residential emission sources that fire number two heating oil on or after July 1, 2012 are limited to the purchase of number two heating oil with 0.0015 percent sulfur by weight or less. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 HEATING OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 34: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**



**Applicable Federal Requirement:6 NYCRR 231-6.2**

**Item 34.1:**

The Compliance Certification activity will be performed for the Facility.

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

**Item 34.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator of the facility shall calculate annual VOC emissions. This limit shall be calculated using the following emission factor: 0.1 lb VOC / ton of MSW.

The owner or operator must maintain all records associated with these requirements on site or at a location acceptable to the Department for a minimum of five years.

Parameter Monitored: VOC  
Upper Permit Limit: 38 tons per year  
Monitoring Frequency: MONTHLY  
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2017.  
Subsequent reports are due every 3 calendar month(s).

**Condition 35: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement:6 NYCRR 231-11.2 (b)**

**Item 35.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 35.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following information must be maintained for CO, SO<sub>2</sub>, VOC, PM<sub>2.5</sub>, PM<sub>10</sub>, PB, MWC metals (as PM), HF, H<sub>2</sub>SO<sub>4</sub> and MWC organics (as total dioxins/furans):

For a modification with a project emission potential which is less than 50 percent of the applicable significant project threshold in Table 3, Table 4 or Table 6 of





Subpart 231-13 of this Part, or for a modification with a project emission potential which when added to emissions excluded in accordance with Clause 231-4.1(b)(40)(i)(c) of this Part is less than 50 percent of the applicable significant project threshold in Table 3, Table 4 or Table 6 of Subpart 231-13 of this Part, the facility owner or operator, in addition to complying with any requirements under Part 201 of this Title, must maintain the following information for a minimum of five years:

- (1) A description of the modification.
- (2) An identification of each new or modified emission source(s) including the associated processes and emission unit.
- (3) The calculation of the project emission potential for each modified emission source(s) including supporting documentation.
- (4) The date the modification commenced operation.

These recordkeeping requirements apply to exempt and trivial activities but do not affect their exempt or trivial permitting status under Subpart 201-3 of this Title. The facility must submit these records to the Department, upon the Department's request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**Condition 36: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement: 6 NYCRR 231-11.2 (c)**

**Item 36.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 36.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following information must be maintained for Greenhouse Gas (CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O) and MWC Acid Gases (SO<sub>2</sub>)



and HCL):

For a modification with a project emission potential which is less than 50 percent of the applicable significant project threshold in Table 3, Table 4 or Table 6 of Subpart 231-13 of this Part, but equals or exceeds 50 percent of the applicable significant project threshold when emissions excluded in accordance with Clause 231-4.1(b)(40)(i)(c) of this Part are added, or for a modification with a project emission potential which equals or exceeds 50 percent of the applicable significant project threshold in Table 3, Table 4 or Table 6 of Subpart 231-13 of this Part, the facility owner or operator must submit an application to modify the facility permit under the minor permit provisions of Subpart 201-6 of this Title or obtain a preconstruction permit under the provisions of Subpart 201-6 of this Title, and must:

- (1) maintain the following information for a minimum of five years:
  - (i) a description of the modification.
  - (ii) an identification of each new or modified emission source(s) including the associated processes and emission unit.
  - (iii) the calculation of the project emission potential for each modified emission source(s) including supporting documentation.
  - (iv) the date the modification commenced operation.
- (2) monitor the emissions of each regulated NSR contaminant from the emission source(s) that will increase as a result of the modification, and calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five years following resumption of regular operations after the modification, or for a period of 10 years following resumption of regular operations after the change if the modification increases the design capacity of or potential to emit the regulated NSR contaminant at such emission source(s).
- (3) submit a report to the department within 30 days after the end of each year during which records must be generated in accordance with Paragraph 231-11.2(c)(2) of this Part. The report must contain:
  - (i) the name, address, and telephone number of the major



**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031

facility.

(ii) the annual emissions as calculated pursuant to Paragraph (c)(2) of this Section.

(iii) a comparison of actual annual emissions to the projected actual emissions and, if applicable, an

explanation as to why the actual annual emissions exceeded the projected actual emissions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**Condition 37: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 37.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 37.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Record tons of unprocessed refuse charged into the facility's boilers. Unprocessed refuse charged into the facility's boilers is limited to 755,000 tons per year. The burning of tires (except incidental tires already mixed with the refuse delivered), demolition waste containing asbestos and wallboard, and hazardous industrial or hazardous waste is prohibited.

Monitoring Frequency: MONTHLY

Averaging Method: CALENDAR YEAR AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**Condition 38: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 38.1:**

The Compliance Certification activity will be performed for the Facility.



**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031

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

**Item 38.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The annual emission of sulfur dioxide shall not exceed 1380 tons.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**Condition 39: Compliance Certification**

**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 39.1:**

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

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

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

**Item 39.2:**

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. SO2 emissions will be monitored continuously.

Monitoring Frequency: CONTINUOUS

Averaging Method: 3-HOUR ROLLING AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031

Reports due 30 days after the reporting period.  
The initial report is due 1/30/2017.  
Subsequent reports are due every 6 calendar month(s).

**Condition 40: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 40.1:**

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

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

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

**Item 40.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Continuous Emission monitoring for Carbon Monoxide for Boiler 1 (Emission Unit U-0000A), Boiler 2 (Emission Unit U-0000B) and Boiler 3 (Emission Unit U-0000C). Annual Limit is 68 tons per rolling twelve month period per boiler.

Manufacturer Name/Model Number: CEM

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 68 tons per year

Reference Test Method: CEM

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**Condition 41: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

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



**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031

**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

**Item 41.2:**

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The boilers are equipped with natural gas-fired auxiliary burners to be used during start-up and to stabilize combustion conditions during shutdown and other transitory periods. The maximum facility auxiliary fuel use shall be limited to 83.3 million cubic feet of natural gas during any consecutive twelve month period.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**Condition 42: Compliance Certification**

**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 42.1:**

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 Unit: U-0000B

Emission Point: 0000B

Process: 005

Emission Unit: U-0000C

Emission Point: 0000C

Process: 007

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 42.2:**

Compliance Certification shall include the following monitoring:



**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031



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 this limit will ensure compliance with actual 40CFR 60.33b(b)(3)(ii), NSPS Subpart Cb, limit of 95 percent reduction by weight or volume. Compliance with the percent reduction limit will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. 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. Annual testing will be conducted on a calendar year basis (no less than 9 months and no more than 15 calendar months from previous test)

Parameter Monitored: HYDROGEN CHLORIDE

Lower Permit Limit: 95.4 percent reduction by weight  
(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.

The initial report is due 1/30/2017.

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

**Condition 44: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 44.1:**

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

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



New York State Department of Environmental Conservation

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031



Regulated Contaminant(s):

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

**Item 44.2:**

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 this limit will ensure compliance with actual 40CFR 60.33b(c)(1)(iii), NSPS Subpart Cb, limit of 30 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. 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. Annual testing will be conducted on a calendar year basis (no less than 9 months and no more than 15 calendar months from previous test).

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

Upper Permit Limit: 27 nanograms per dry standard cubic meter (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.

The initial report is due 1/30/2017.

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

**Condition 45: Compliance Certification**

**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 45.1:**

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 Unit: U-0000B  
Process: 005

Emission Point: 0000B



**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031

Emission Unit: U-0000C  
Process: 007

Emission Point: 0000C

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

**Item 45.2:**

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 this limit will ensure compliance with actual 40CFR 60.33b(d), NSPS Subpart Cb, limit of 205 parts per million by volume, corrected to 7 percent oxygen (dry basis). Compliance with these limits is based on a 24-hour daily average. To demonstrate compliance with this requirement the owner or operator of the facility shall install, calibrate, maintain and operate a continuous emissions monitor for NOx according to a QA/QC plan approved by the Department.

Manufacturer Name/Model Number: CEM

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 184 parts per million by volume  
(dry, corrected to 7% O2)

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.

The initial report is due 1/30/2017.

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

**Condition 46: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 46.1:**

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 Unit: U-0000B  
Process: 005

Emission Point: 0000B



**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031

Emission Unit: U-0000C  
Process: 007

Emission Point: 0000C

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

**Item 46.2:**

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 270 micrograms per dry standard cubic meter, corrected to 7 percent oxygen. Compliance with this limit will ensure compliance with actual 40CFR 60.33b(a)(4), NSPS Subpart Cb, limit of 400 micrograms per dry standard cubic meter, corrected to 7 percent oxygen. Compliance will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. 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. Annual testing will be conducted on a calendar year basis (no less than 9 months and no more than 15 calendar months from previous test).

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.

The initial report is due 1/30/2017.

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

**Condition 47: Compliance Certification**

**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 47.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A  
Process: 002

Emission Point: 0000A



**New York State Department of Environmental Conservation**

**Permit ID: 3-5512-00031/00014**

**Facility DEC ID: 3551200031**

Emission Unit: U-0000B  
Process: 005

Emission Point: 0000B

Emission Unit: U-0000C  
Process: 007

Emission Point: 0000C

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 47.2:**

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 this limit will ensure compliance with actual 40CFR 60.33b(b)(3)(i), NSPS Subpart Cb, limit of 75 percent reduction by weight or volume. 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.

The initial report is due 1/30/2017.

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

**Condition 48: Compliance Certification**

**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 48.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:



**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031

Emission Unit: U-0000A  
Process: 002

Emission Point: 0000A

Emission Unit: U-0000B  
Process: 005

Emission Point: 0000B

Emission Unit: U-0000C  
Process: 007

Emission Point: 0000C

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

**Item 48.2:**

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 with this limit will ensure compliance with actual 40CFR 60.33b(a)(2)(i), NSPS Subpart Cb, limit of 35 micrograms per dry standard cubic meter, corrected to 7 percent oxygen. Compliance will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. 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. Annual testing will be conducted on a calendar year basis (no less than 9 months and no more than 15 calendar months from previous test).

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.

The initial report is due 1/30/2017.

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

**Condition 49: Recordkeeping requirements.**

**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 49.1:**

Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air

**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031



pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

**Condition 50: Compliance Certification**

**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Cb**

**Item 50.1:**

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 Unit: U-0000B  
Process: 005

Emission Point: 0000B

Emission Unit: U-0000C  
Process: 007

Emission Point: 0000C

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 50.2:**

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. Reporting shall be done in accordance with 40 CFR 60.39b, as applicable. Stack emissions tests will be required on annual basis unless otherwise directed by the Department. Annual testing will be conducted on a calendar year basis (no less than 9 months and no more than 15 calendar months from previous test).

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

Reference Test Method: EPA Ref Test Method

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031



**Condition 51: Compliance Certification**

**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 51.1:**

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

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

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

**Item 51.2:**

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 percent reduction limit will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. Reporting shall be done in accordance with 40 CFR 60.39b, as applicable. Stack emissions tests will be required on annual basis unless otherwise directed by the Department. Annual testing will be conducted on a calendar year basis (no less than 9 months and no more than 15 calendar months from previous test).

Lower Permit Limit: 85 percent reduction by weight  
(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.

The initial report is due 1/30/2017.

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

**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031



**Condition 52: Compliance Certification**

Effective between the dates of 12/13/2016 and 12/12/2021

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

**Item 52.1:**

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

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

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

**Item 52.2:**

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 this limit will ensure compliance with the 40CFR 52.21 (j), Subpart A PSD limit of 74 micrograms per dry standard cubic meter, corrected to 7 percent oxygen. 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. Reporting shall be done in accordance with 40 CFR 60.39b, as applicable. Stack emissions tests will be required on annual basis unless otherwise directed by the Department. Annual testing will be conducted on a calendar year basis (no less than 9 months and no more than 15 calendar months from previous test).

Upper Permit Limit: 50 micrograms per dry standard cubic meter (corrected to 7% oxygen)

Reference Test Method: EPA Ref Test Method

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)





**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031

Reports due 30 days after the reporting period.  
The initial report is due 1/30/2017.  
Subsequent reports are due every 6 calendar month(s).

**Condition 53: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Cb**

**Item 53.1:**

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 Unit: U-0000B Process: 005	Emission Point: 0000B
Emission Unit: U-0000C Process: 007	Emission Point: 0000C
Regulated Contaminant(s): CAS No: 007446-09-5	SULFUR DIOXIDE

**Item 53.2:**

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% O2)

Reference Test Method: EPA Ref Test Method

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY AVERAGE (GEOMETRIC MEAN)

Reporting Requirements: QUARTERLY (CALENDAR)







**Item 56.1:**

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

**Condition 57: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 57.1:**

The Compliance Certification activity will be performed for the Facility.

**Item 57.2:**

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 58: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 58.1:**

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

Emission Unit: U-0000A

Emission Point: 0000A



**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031

Process: 002

Emission Unit: U-0000B  
Process: 005

Emission Point: 0000B

Emission Unit: U-0000C  
Process: 007

Emission Point: 0000C

**Item 58.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

Parameter Monitored: OPACITY

Upper Permit Limit: 5 percent

Reference Test Method: EPA Ref. Method 22

Monitoring Frequency: ANNUALLY

Averaging Method: 9 MINUTES PER 3-HOUR PERIOD

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**Condition 59: Compliance and performance testing.**

**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 59.1:**

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

**Item 59.2:**

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

**Condition 60: Compliance Certification**





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

**Condition 62: Emission Point Definition By Emission Unit**  
Effective between the dates of 12/13/2016 and 12/12/2021

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

**Item 62.1:**

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.): 4570.064 NYTME (km.): 588.562

**Item 62.2:**

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.): 4570.066 NYTME (km.): 588.568

**Item 62.3:**

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.): 4570.069 NYTME (km.): 588.564

**Item 62.4:**

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.): 4570.094 NYTME (km.): 588.608 Building: 006

Emission Point: 00007  
Height (ft.): 67 Diameter (in.): 20  
NYTMN (km.): 4570.091 NYTME (km.): 588.626 Building: 006

**Condition 63: Process Definition By Emission Unit**  
Effective between the dates of 12/13/2016 and 12/12/2021

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





**Item 63.1:**

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 63.2:**

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 63.3:**

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 63.4:**

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 63.5:**

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

**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031



Design Capacity: 325 million Btu per hour  
Waste Feed Method: CHUTE FED  
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID  
WASTE

**Item 63.6:**

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 63.7:**

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

Emission Unit: U-0000H  
Process: 012 Source Classification Code: 5-01-006-02  
Process Description: 184.1 Brake-Horsepower Diesel Fire Pump.

Emission Source/Control: PUMP0 - Process

**Item 63.8:**

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 63.9:**

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 64: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Cb**

**Item 64.1:**

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 Unit: U-0000B Process: 005	Emission Point: 0000B
Emission Unit: U-0000C Process: 007	Emission Point: 0000C

**Item 64.2:**

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.

**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031



Parameter Monitored: OPACITY  
Upper Permit Limit: 10 percent  
Monitoring Frequency: CONTINUOUS  
Averaging Method: 6 MINUTE AVERAGE  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2017.  
Subsequent reports are due every 3 calendar month(s).

**Condition 65: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 65.1:**

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

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

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

**Item 65.2:**

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% O<sub>2</sub>)

Monitoring Frequency: CONTINUOUS  
Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2017.  
Subsequent reports are due every 3 calendar month(s).

**Condition 66: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**



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

**Item 66.1:**

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 66.2:**

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

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

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

Parameter Monitored: STEAM OUTPUT

Upper Permit Limit: 110 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031



**Condition 67: Compliance Certification**

Effective between the dates of 12/13/2016 and 12/12/2021

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

**Item 67.1:**

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: 00003

Emission Unit: U-0000B  
Process: 005

Emission Point: 0000B  
Emission Source: 00006

Emission Unit: U-0000C  
Process: 007

Emission Point: 0000C  
Emission Source: 00009

**Item 67.2:**

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)

**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031



Monitoring Frequency: CONTINUOUS  
Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)  
Reporting Requirements: QUARTERLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2017.  
Subsequent reports are due every 3 calendar month(s).

**Condition 68: Compliance Certification**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

**Applicable Federal Requirement: 40CFR 60.58b(g)(5)(iii), NSPS Subpart Eb**

**Item 68.1:**  
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 Unit: U-0000B  
Process: 005

Emission Point: 0000B

Emission Unit: U-0000C  
Process: 007

Emission Point: 0000C

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

**Item 68.2:**  
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:

Where all performance tests over a 2-year period indicate that dioxin/furan emissions are less than or equal to 7 nanograms per dry standard cubic meter (total mass) for all affected facilities located within a municipal waste combustor plant, the owner or operator of the municipal waste combustor plant may elect to conduct annual performance tests for one affected facility (i.e., unit) per year at the municipal waste combustor plant.

At a minimum, a performance test for dioxin/furan emissions shall be conducted on a calendar year basis (no less than 9 calendar months and no more than 15 months following the previous performance test; and must complete five performance tests in each 5-year calendar period) for one affected facility at the municipal waste combustor plant. Each year a different affected facility at the municipal waste combustor plant shall be tested, and the affected facilities at the plant shall be tested in



**New York State Department of Environmental Conservation**

**Permit ID: 3-5512-00031/00014**

**Facility DEC ID: 3551200031**



sequence ( e.g. , unit 1, unit 2, unit 3, as applicable).

If each annual performance test continues to indicate a dioxin/furan emission level less than or equal to 7 nanograms per dry standard cubic meter (total mass), the owner or operator may continue conducting a performance test on only one affected facility per calendar year. If any annual performance test indicates either a dioxin/furan emission level greater than 7 nanograms per dry standard cubic meter (total mass), performance tests shall thereafter be conducted annually on all affected facilities at the plant until and unless all annual performance tests for all affected facilities at the plant over a 2-year period indicate a dioxin/furan emission level less than or equal to 7 nanograms per dry standard cubic meter (total mass).

Parameter Monitored: CONCENTRATION

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

Reference Test Method: EPA Reference Method 23

Monitoring Frequency: ANNUALLY

Reporting Requirements: NOVEMBER 30TH



**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: Emergency Defense - 6 NYCRR 201-1.5**

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department 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 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 and maintained;

(3) During the period of the emergency the facility owner 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 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 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: 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 69: Contaminant List**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 69.1:**

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

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

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

CAS No: 007439-92-1  
Name: LEAD

CAS No: 007439-97-6  
Name: MERCURY

CAS No: 007440-43-9  
Name: CADMIUM

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

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





**Condition 71: Visible Emissions Limited**  
Effective between the dates of 12/13/2016 and 12/12/2021

**Applicable State Requirement:6 NYCRR 211.2**

**Item 71.1:**

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

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

**Condition 72: Compliance Demonstration**  
Effective between the dates of 12/13/2016 and 12/12/2021

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

**Item 72.1:**

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

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

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

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

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

**Item 72.2:**

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

**New York State Department of Environmental Conservation**

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031



effectively.

Parameter Monitored: MERCURY

Upper Permit Limit: 28 micrograms per dry standard cubic meter (corrected to 7% oxygen)

Reference Test Method: EPA Ref. Method 29

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**Condition 73: Compliance Demonstration**  
**Effective between the dates of 12/13/2016 and 12/12/2021**

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

**Item 73.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

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

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

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

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

**Item 73.2:**

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

**New York State Department of Environmental Conservation**

**Permit ID: 3-5512-00031/00014**

**Facility DEC ID: 3551200031**



(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.

The initial report is due 1/30/2017.

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