

**New York State Department of Environmental Conservation
Facility DEC ID: 3551200031**



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

IDENTIFICATION INFORMATION

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

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

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

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

Description:

The Charles Point Resource Recovery Facility is an existing waste to energy facility located in Peekskill, NY. Wheelabrator Westchester, L.P. operates the facility on a property owned by the City of Peekskill Industrial Development Agency (IDA) and leased by the City IDA to the County of Westchester IDA (WCIDA). The WCIDA leases the facility to Wheelabrator Westchester, L.P..

The facility began operations in 1984 and was retrofitted with updated emissions control equipment in 1998 and 1999. The facility can process up to 2250 tons per day of municipal solid waste, using three mass burn municipal waste combustors (MWCs). Each of the three MWCs are designed for a maximum heat input of 325 MMBtu/hr. The hot gasses produced by the combustion process pass through a waterwall boiler with a maximum continuous rating of 192,100 pounds per hour of steam at 900 psig/830 degrees F. The steam is piped to a steam turbine generator to produce electrical power for distribution to the local electrical grid. The three MWC trains combined produce a nominal 60 megawatts of electrical power.

Each of the MWC process trains has dedicated emission control equipment, continuous emissions monitors and a separate stack flue. Each unit is equipped with a spray dryer absorber, fabric filter, selective non-catalytic reduction system and powdered activated carbon injection system for air emissions control. The three stack flues are contained within a single 195 foot tall stack.

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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: KENNETH R GRZYB
 NYSDEC REGION 3
 21 SOUTH PUTT CORNERS RD
 NEW PALTZ, NY 12561

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 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 compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

Submission of Applications for Permit Modification or Renewal-REGION 3
HEADQUARTERS
Submission of application for permit modification or renewal-REGION 3
HEADQUARTERS



DEC GENERAL CONDITIONS

****** General Provisions ******

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

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

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

Item 2.1:

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

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

Item 3.1:

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

Item 3.2:

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

Item 3.3:



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

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

Item 4.1:

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

Item 4.2:

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

Item 4.3:

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

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

Item 5.1:

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

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

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

Item 6.1:

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

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;

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

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

Condition 7: Submission of Applications for Permit Modification or Renewal-REGION 3 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 7.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 3 Headquarters
Division of Environmental Permits
21 South Putt Corners Road
New Paltz, NY 12561-1696
(845) 256-3054

Condition 8: Submission of application for permit modification or renewal-REGION 3 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.6(a)

Item 8.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 3 Headquarters
Division of Environmental Permits
21 South Putt Corners Road
New Paltz, NY 12561-1696
(845) 256-3054



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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

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148 MARTINE AVE
WHITE PLAINS, NY 10601-3311

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

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

Permit Effective Date: 01/30/2007

Permit Expiration Date: 01/29/2012



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6NYCRR 201-6.5(a)(7): Fees
- 3 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
- 4 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
- 6 6NYCRR 201-6.5(e): Compliance Certification
- 7 6NYCRR 202-2.1: Compliance Certification
- 8 6NYCRR 202-2.5: Recordkeeping requirements
- 9 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 10 6NYCRR 200.7: Maintenance of Equipment
- 11 6NYCRR 201-1.7: Recycling and Salvage
- 22 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 12 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 13 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 14 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
- 15 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
- 16 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
- 17 6NYCRR 201-6.5(f)(6): Off Permit Changes
- 18 6NYCRR 202-1.1: Required Emissions Tests
- 19 6NYCRR 211.3: Visible Emissions Limited
- 20 40CFR 68: Accidental release provisions.
- 21 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6NYCRR 201-6: Emission Unit Definition
- 24 6NYCRR 201-6.5(e): Reporting Requirements
- 25 6NYCRR 201-6.5(g): Non Applicable requirements
- 26 6NYCRR 207.2(f): Episode Action Plan Available
- 27 6NYCRR 207.3(d): Episode Action Plans
- 28 6NYCRR 219-6.4: Compliance Certification
- 29 6NYCRR 225-1.2(a)(2): Compliance Certification
- 30 40CFR 52.21(j), Subpart A: Compliance Certification
- 31 40CFR 52.21(j), Subpart A: Compliance Certification
- 32 40CFR 52.21(j), Subpart A: Compliance Certification
- 33 40CFR 52.21(j), Subpart A: Compliance Certification
- 34 40CFR 52.21(j), Subpart A: Compliance Certification
- 35 40CFR 52.21(j), Subpart A: Compliance Certification
- 36 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 37 40CFR 60.33b(a)(1)(i), NSPS Subpart Cb: Compliance Certification
- 38 40CFR 60.33b(a)(1)(iii), NSPS Subpart Cb: Compliance Certification
- 39 40CFR 60.33b(a)(2)(i), NSPS Subpart Cb: Compliance Certification



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- 40 40CFR 60.33b(a)(2)(iii), NSPS Subpart Cb: Compliance Certification
- 41 40CFR 60.33b(a)(3), NSPS Subpart Cb: Compliance Certification
- 42 40CFR 60.33b(b)(1)(i), NSPS Subpart Cb: Compliance Certification
- 43 40CFR 60.33b(b)(1)(i), NSPS Subpart Cb: Compliance Certification
- 44 40CFR 60.33b(b)(2)(i), NSPS Subpart Cb: Compliance Certification
- 45 40CFR 60.33b(b)(2)(i), NSPS Subpart Cb: Compliance Certification
- 46 40CFR 60.33b(c)(1)(ii), NSPS Subpart Cb: Compliance Certification
- 47 40CFR 60.33b(d), NSPS Subpart Cb: Compliance Certification
- 48 40CFR 60.33b(a), NSPS Subpart Cb: Compliance Certification
- 49 40CFR 60.34b(b), NSPS Subpart Cb: Compliance Certification
- 50 40CFR 60.35b, NSPS Subpart Cb: Operating Manual
- 51 40CFR 60.36b, NSPS Subpart Cb: Compliance Certification
- 52 40CFR 60.38b, NSPS Subpart Cb: Compliance and performance testing.
- 53 40CFR 60.39b(a), NSPS Subpart Cb: Compliance Certification
- 54 40CFR 60.53b(b), NSPS Subpart Eb: Compliance Certification
- 55 40CFR 60.54b, NSPS Subpart Eb: Compliance Certification

Emission Unit Level

- 56 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 57 6NYCRR 201-6: Process Definition By Emission Unit

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

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- 59 ECL 19-0301: Contaminant List
- 60 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 61 6NYCRR 211.2: Air pollution prohibited
- 62 6NYCRR 219-7.2: Compliance Demonstration



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

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

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

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

(1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;

(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

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

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to



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Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 201-6.3(a)(4)

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Item D: Certification by a Responsible Official - 6 NYCRR Part 201-6.3(d)(12)

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item E: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(a)(2)

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(a)(3)

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6NYCRR Part 201-6.5(a)(5)

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in



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order to maintain compliance with the conditions of this permit.

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

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

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

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

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

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

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

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Act;

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

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

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

i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.

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

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

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

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

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit



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is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item L: Permit Exclusion - ECL 19-0305

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

Item M: Federally Enforceable Requirements - 40 CFR 70.6(b)

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

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

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

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 01/30/2007 and 01/29/2012

Applicable Federal Requirement: 6NYCRR 200.6

Item 1.1:

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit



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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 01/30/2007 and 01/29/2012

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

Item 2.1:

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

Condition 3: Recordkeeping and reporting of compliance monitoring

Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 3.1:

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

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

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

Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.

Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 4.1:

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable



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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 01/30/2007 and 01/29/2012

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

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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

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

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

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

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

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

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

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 01/30/2007 and 01/29/2012

Applicable Federal Requirement: 6NYCRR 201-6.5(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

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following:

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions;and
 - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.
- iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.
- iv. All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:



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

The address for the RAPCE is as follows:

21 South Putt Corners Road
New Paltz, NY 12561-1696

The address for the BCME is as follows:

NYSDEC
Bureau of Compliance Monitoring
and Enforcement
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 1/30/2008.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 01/30/2007 and 01/29/2012

Applicable Federal Requirement: 6NYCRR 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.

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 01/30/2007 and 01/29/2012



Applicable Federal Requirement: 6NYCRR 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 Prohibited at Industrial and Commercial Sites
Effective between the dates of 01/30/2007 and 01/29/2012

Applicable Federal Requirement: 6NYCRR 215

Item 9.1:

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

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

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

Condition 10: Maintenance of Equipment
Effective between the dates of 01/30/2007 and 01/29/2012

Applicable Federal Requirement: 6NYCRR 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 01/30/2007 and 01/29/2012

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Applicable Federal Requirement: 6NYCRR 201-1.7

Item 11.1:

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

Condition 22: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 01/30/2007 and 01/29/2012

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 22.1:

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

Condition 12: Exempt Sources - Proof of Eligibility
Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 12.1:

The owner and/or operator of an emission source or unit that is eligible to be exempt may be required to certify that it operates within the specific criteria described in this Subpart. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other State and Federal air pollution control requirements, regulations, or law.

Condition 13: Trivial Sources - Proof of Eligibility
Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 13.1:

The owner and/or operator of an emission source or unit that is listed as being trivial in this Part may be required to certify that it operates within the specific criteria described in this Subpart. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other State and Federal air pollution control requirements, regulations, or law.

Condition 14: Standard Requirement - Provide Information



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Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 14.1:

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

Condition 15: General Condition - Right to Inspect

Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 15.1:

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

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

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

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

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

Condition 16: Standard Requirements - Progress Reports

Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 16.1:

Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:

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



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

Condition 17: Off Permit Changes
Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 17.1:

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

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

(ii) The permit shield described in section 6 NYCRR 201-6.6 shall not apply to any change made pursuant to this paragraph.

Condition 18: Required Emissions Tests
Effective between the dates of 01/30/2007 and 01/29/2012

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 18.1:

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

Condition 19: Visible Emissions Limited
Effective between the dates of 01/30/2007 and 01/29/2012

Applicable Federal Requirement: 6NYCRR 211.3

Item 19.1:



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

Condition 20: Accidental release provisions.
Effective between the dates of 01/30/2007 and 01/29/2012

Applicable Federal Requirement: 40CFR 68

Item 20.1:

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

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

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

Condition 21: Recycling and Emissions Reduction
Effective between the dates of 01/30/2007 and 01/29/2012

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 21.1:

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

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

Condition 23: Emission Unit Definition



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Applicable Federal Requirement: 6NYCRR 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:

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

Building(s): 003

Item 23.5:

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

Emission Unit: U-0000J



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Emission Unit Description:

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

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.

Building(s): 006

Condition 24: Reporting Requirements

Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 24.1:

Any reports due prior to the first calendar based certification must be submitted as previously indicated. All reports due thereafter will be submitted on a calendar basis.

Condition 25: Non Applicable requirements

Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 25.1:

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

6NYCRR 227-1

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

40CFR 60-D

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

40CFR 60-Db

Reason: IN EXISTENCE PRIOR TO JUNE 1984.



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40CFR 60-Dc

Reason: HEAT INPUT GREATER THAN 100 MMBTU/HR.

40CFR 60-Ea

Reason: CONSTRUCTED PRIOR TO DECEMBER 1989.

Condition 26: Episode Action Plan Available

Effective between the dates of 01/30/2007 and 01/29/2012

Applicable Federal Requirement: 6NYCRR 207.2(f)

Item 26.1: 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 27: Episode Action Plans

Effective between the dates of 01/30/2007 and 01/29/2012

Applicable Federal Requirement: 6NYCRR 207.3(d)

Item 27.1:

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 28: Compliance Certification

Effective between the dates of 01/30/2007 and 01/29/2012

Applicable Federal Requirement: 6NYCRR 219-6.4

Item 28.1:

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 28.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:



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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

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 4/30/2007.

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

Condition 29: Compliance Certification
Effective between the dates of 01/30/2007 and 01/29/2012

Applicable Federal Requirement: 6NYCRR 225-1.2(a)(2)

Item 29.1:

The Compliance Certification activity will be performed for the Facility.

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person shall sell, offer for sale, purchase or use any distillate oil which has a sulfur content greater than the limit presented below. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years after the date of the last entry.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.37 percent by weight

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



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Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 30: Compliance Certification
Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 30.1:

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

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

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

Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Emissions of Sulfur Dioxide shall not exceed 3.8 pounds
per ton of refuse charged (0.7240 pounds per 1000 pounds
of steam produced) or 153 ppm (corrected to 7% oxygen).
SO₂ emissions will be monitored continuously.

Reference Test Method: SO₂
Monitoring Frequency: CONTINUOUS
Averaging Method: 3-HOUR ROLLING AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 31: Compliance Certification
Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 31.1:

The Compliance Certification activity will be performed for the facility:



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The Compliance Certification applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Item 31.2:

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 4/30/2007.

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

Condition 32: Compliance Certification

Effective between the dates of 01/30/2007 and 01/29/2012

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

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

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 32.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to :

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

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

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

Emissions of particulate matter at the stack outlet shall
not exceed 0.03 grains per dry standard cubic foot
corrected to 12% carbon dioxide.

Upper Permit Limit: 0.03 grains per dry standard cubic
foot (corrected to 12% CO₂)

Reference Test Method: EPA Method 5

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 33: Compliance Certification
Effective between the dates of 01/30/2007 and 01/29/2012

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

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: 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 710,000 tons per year.
The burning of tires (except incidental tires already
mixed with the refuse delivered), demolition waste



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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 4/30/2007.
Subsequent reports are due every 3 calendar month(s).

Condition 34: Compliance Certification
Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 34.1:

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

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

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

Item 34.2:

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.



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The initial report is due 4/30/2007.

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

Condition 35: Compliance Certification
Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 35.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 35.2:

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 4/30/2007.

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

Condition 36: Recordkeeping requirements.
Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 36.1:

Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

Condition 37: Compliance Certification
Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 37.1:

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

The Compliance Certification applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

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

Reference Test Method: EPA Method 5

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 38: Compliance Certification

Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 38.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES



New York State Department of Environmental Conservation

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031

Item 38.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:
Opacity emission limit.

Parameter Monitored: OPACITY
Upper Permit Limit: 10 percent
Reference Test Method: 40 CFR 60 Appendix B
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2007.
Subsequent reports are due every 3 calendar month(s).

Condition 39: Compliance Certification
Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 39.1:

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

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

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

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

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

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

Reference Test Method: EPA Method 29



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Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031

Monitoring Frequency: ANNUALLY
Averaging Method: ARITHMETIC MEAN
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 40: Compliance Certification
Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 40.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

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

Item 40.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Lead emission limit of 0.27 milligrams per dry standard
cubic meter (corrected to 7% oxygen).

Upper Permit Limit: 0.27 milligrams per dry standard
cubic meter (corrected to 7% oxygen)
Reference Test Method: EPA Method 29
Monitoring Frequency: ANNUALLY
Averaging Method: ARITHMETIC MEAN
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 41: Compliance Certification
Effective between the dates of 01/30/2007 and 01/29/2012

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

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

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

Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Mercury emission limit of 0.074 milligrams per dry standard cubic meter (corrected to 7% oxygen) or 85% reduction - whichever is less stringent.

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

Reference Test Method: EPA Method 29

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 42: Compliance Certification

Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 42.1:

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

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C



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 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

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

Manufacturer Name/Model Number: CEM

Parameter Monitored: SULFUR DIOXIDE

Lower Permit Limit: 77 percent reduction by weight

Reference Test Method: 40 CFR 60 Appendix B and F

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY AVERAGE (GEOMETRIC MEAN)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 43: Compliance Certification

Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 43.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:



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Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031

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

Manufacturer Name/Model Number: CEM

Parameter Monitored: SULFUR DIOXIDE

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

Reference Test Method: 40 CFR 60 Appendix B and F

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY AVERAGE (GEOMETRIC MEAN)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 44: Compliance Certification

Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 44.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: HYDROGEN CHLORIDE

Lower Permit Limit: 95.4 percent reduction by volume

Reference Test Method: EPA Method 26/26A

Monitoring Frequency: ANNUALLY



New York State Department of Environmental Conservation

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031

Averaging Method: ARITHMETIC MEAN
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 45: Compliance Certification
Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 45.1:

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

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

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

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
Hydrogen Chloride emission limit of 29 ppmdv (corrected to 7% oxygen) or 95.4% reduction by weight or volume, whichever is less stringent.

Parameter Monitored: HYDROGEN CHLORIDE
Upper Permit Limit: 29 parts per million by volume (dry, corrected to 7% O₂)
Reference Test Method: EPA Method 26/26A
Monitoring Frequency: ANNUALLY
Averaging Method: ARITHMETIC MEAN
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 46: Compliance Certification
Effective between the dates of 01/30/2007 and 01/29/2012

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Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031



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

Item 46.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

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

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Upper Permit Limit: 27 nanograms per dry standard cubic meter (corrected to 7% O₂)

Reference Test Method: EPA Method 23

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 47: Compliance Certification

Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 47.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C



New York State Department of Environmental Conservation

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031

Regulated Contaminant(s):

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

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

NOx emissions of 184 ppmdv corrected to 7% oxygen.

Manufacturer Name/Model Number: CEM

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

Reference Test Method: NOx

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC
MEAN)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2007.

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

Condition 48: Compliance Certification

Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 48.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Carbon Monoxide emission limit for mass burn waterwall

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municipal waste combustor.

Manufacturer Name/Model Number: CEM

Parameter Monitored: CARBON MONOXIDE

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

Reference Test Method: CEM

Monitoring Frequency: CONTINUOUS

Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 49: Compliance Certification

Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 49.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Item 49.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

(1) During the annual dioxin/furan performance test and the 2 weeks preceding the annual dioxin/furan performance



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test, no particulate matter control device temperature limitations are applicable.

(2) The particulate matter control device temperature limits may be waived in accordance with permission granted by the Department for the purpose of evaluating system performance, testing new technology or control technologies, diagnostic testing, or related activities for the purpose of improving municipal waste combustor performance or advancing the state-of-the-art for controlling municipal waste combustor emissions.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 17 degrees Centigrade (or Celsius)

Monitoring Frequency: CONTINUOUS

Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 50: Operating Manual

Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 50.1:

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

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

A training program shall be established to review the operating manual according to the schedule below, with each person who has responsibilities affecting the operation of a municipal waste combustor including, but not limited to, chief facility operators, shift supervisors, control room



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operators, ash handlers, maintenance personnel, and crane/load handlers. Training shall be completed as follows:

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

(2) Annually, following the initial training.

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

Condition 51: Compliance Certification

Effective between the dates of 01/30/2007 and 01/29/2012

Applicable Federal Requirement: 40CFR 60.36b, 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 Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

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

Item 51.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

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Parameter Monitored: OPACITY
Upper Permit Limit: 5 percent
Reference Test Method: EPA Reference Method 22
Monitoring Frequency: ANNUALLY
Averaging Method: 9 MINUTES PER 3-HOUR PERIOD
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2008.
Subsequent reports are due every 12 calendar month(s).

Condition 52: Compliance and performance testing.
Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 52.1:

This Condition applies to:

Emission Unit: U0000A

Emission Unit: U0000B

Emission Unit: U0000C

Item 52:

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

Item 52.2.3:

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

Condition 53: Compliance Certification
Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 53.1:

The Compliance Certification activity will be performed for the Facility.

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



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Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031

Monitoring Description:

The Permittee shall comply with the reporting and recordkeeping requirements listed in §60.59b of Subpart Eb, as applicable, excluding the siting requirements under §60.59b(a), (b)(5), and (d)(11).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 54: Compliance Certification
Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 54.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Reference Test Method: Keep Records

Monitoring Frequency: ANNUALLY

Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 55: Compliance Certification



New York State Department of Environmental Conservation

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031

Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 55.1:

The Compliance Certification activity will be performed for the Facility.

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Reference Test Method: Keep Records

Monitoring Frequency: ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

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

Condition 56: Emission Point Definition By Emission Unit

Effective between the dates of 01/30/2007 and 01/29/2012

Applicable Federal Requirement: 6NYCRR 201-6

Item 56.1:

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

Emission Unit: U-0000A

Emission Point: 0000A

Height (ft.): 195

Diameter (in.): 135

NYTMN (km.): 4571.223 NYTME (km.): 591.032

Item 56.2:

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

Emission Unit: U-0000B



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Emission Point: 0000B
Height (ft.): 195 Diameter (in.): 135
NYTMN (km.): 4571.223 NYTME (km.): 591.032

Item 56.3:

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.): 4571.223 NYTME (km.): 591.032

Item 56.4:

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.): 4571.223 NYTME (km.): 591.032 Building: 006

Emission Point: 00007
Height (ft.): 67 Diameter (in.): 20
NYTMN (km.): 4571.223 NYTME (km.): 591.032 Building: 006

**Condition 57: Process Definition By Emission Unit
Effective between the dates of 01/30/2007 and 01/29/2012**

Applicable Federal Requirement: 6NYCRR 201-6

Item 57.1:

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



New York State Department of Environmental Conservation

Permit ID: 3-5512-00031/00014

Facility DEC ID: 3551200031

Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID
WASTE

Item 57.2:

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 57.3:

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

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Item 57.4:

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 57.5:

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

Design Capacity: 325 million Btu per hour

Waste Feed Method: CHUTE FED

Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID
WASTE

Item 57.6:



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

Emission Unit: U-0000C

Process: 007

Source Classification Code: 5-01-001-02

Process Description: Municipal Solid Waste Firing.

Emission Source/Control: 00008 - Control

Control Type: DRY SPRAY ABSORPTION

Emission Source/Control: 00009 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 00019 - Control

Control Type: SELECTIVE NON-CATALYTIC REDUCTION
(SNCR)

Emission Source/Control: 00020 - Control

Control Type: ACTIVATED CARBON INJECTION

Emission Source/Control: 00007 - Incinerator

Design Capacity: 325 million Btu per hour

Waste Feed Method: CHUTE FED

Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID
WASTE

Item 57.7:

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

Emission Unit: U-0000H

Process: 012

Source Classification Code: 5-01-006-04

Process Description: 184.1 Brake-Horsepower Diesel Fire Pump.

Emission Source/Control: PUMPO - Process

Item 57.8:

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

Emission Unit: U-0000J

Process: 014

Source Classification Code: 4-01-002-01

Process Description: Solvent Degreasing.

Emission Source/Control: DEGRE - Process

Item 57.9:

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

Emission Unit: U-0000K



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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 58: Continuous Monitoring
Effective between the dates of 01/30/2007 and 01/29/2012

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

Item 58.1:

This Condition applies to:

Emission Unit: U0000A

Emission Unit: U0000B

Item 58.1:

This Condition applies to Emission Unit: U-0000C

Item 58.2.3:

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

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



STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

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

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.

**Condition 59: Contaminant List
Effective between the dates of 01/30/2007 and 01/29/2012**

Applicable State Requirement: ECL 19-0301

Item 59.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this

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permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 001746-01-6

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

CAS No: 068131-74-8

Name: ASHES (RESIDUES)

CAS No: 007440-43-9

Name: CADMIUM

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 007647-01-0

Name: HYDROGEN CHLORIDE

CAS No: 007439-92-1

Name: LEAD

CAS No: 007439-97-6

Name: MERCURY

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

Condition 60: Unavoidable noncompliance and violations
Effective between the dates of 01/30/2007 and 01/29/2012

Applicable State Requirement: 6NYCRR 201-1.4

Item 60.1:

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

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued



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for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

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

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

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

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

Condition 61: Air pollution prohibited

Effective between the dates of 01/30/2007 and 01/29/2012

Applicable State Requirement: 6NYCRR 211.2

Item 61.1:

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.



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Condition 62: Compliance Demonstration

Effective between the dates of 01/30/2007 and 01/29/2012

Applicable State Requirement: 6NYCRR 219-7.2

Item 62.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-0000A

Emission Unit: U-0000B

Emission Unit: U-0000C

Regulated Contaminant(s):

CAS No: 007439-97-6 MERCURY

Item 62.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emission limit for mercury is 28 ug/dscm (corrected to 7% oxygen). Annual compliance is based on the annual stack tests on each municipal waste combustor (MWC) unit at the facility using the stack testing procedures contained in 40 CFR 60.58b(d)(2). Each of the facility's MWC unit must be in compliance with the emission limit of 28 ug/dscm or 85% reduction of mercury, whichever is less stringent. Emission control devices must be kept in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such devices effectively.

Parameter Monitored: MERCURY

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

Reference Test Method: As indicated above

Monitoring Frequency: ANNUALLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE