



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 1-4726-00790/00004
Mod 0 Effective Date: 12/22/2005 Expiration Date: 12/21/2010
Mod 1 Effective Date: 08/27/2008 Expiration Date: 12/21/2010
Mod 2 Effective Date: 09/23/2009 Expiration Date: 12/21/2010

Permit Issued To: TOWN OF HUNTINGTON
100 MAIN ST
HUNTINGTON, NY 11743

Contact: KAREN M STEPSUS
COVANTA ENERGY
40 LANE RD
FAIRFIELD, NJ 07004
(973) 882-7282

Facility: HUNTINGTON RESOURCE RECOVERY FACILITY
99 TOWN LINE RD
E NORTHPORT, NY 11731

Contact: SCOTT WHEELER
COVANTA HEMPSTEAD COMPANY
600 MERCHANTS CONCOURSE
WESTBURY, NY 11590
(516) 683-5438

Description:
This modification of the existing Title V permit is for the purpose of granting approval to process up to 60,000 gallons per day of landfill leachate from Smithtown landfill as dilution water in the facility's three spray dry absorbers. This approval is consistent with the Beneficial Use Determination(BUD #940-1-52) granted by the Division of Solid and Hazardous Materials on 3/19/2009.



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: ROGER EVANS
 NYSDEC - SUNY @ STONY BROOK
 50 CIRCLE RD
 STONY BROOK, NY 11790-3409

Authorized Signature: _____ Date: ___ / ___ / _____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

- Submission of Applications for Permit Modification or Renewal-REGION 1 HEADQUARTERS
- Submission of application for permit modification or renewal - REGION 1 HEADQUARTERS
- Submission of application for permit modification or renewal-REGION 1 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 1-1: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6NYCRR 621.11

Item 1-1.1:

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

Item 1-1.2:

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

Item 1-1.3:

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



Condition 3: Applications for Permit Renewals and Modifications

Applicable State Requirement: 6NYCRR 621.13

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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

Condition 1-2: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6NYCRR 621.13

Item 1-2.1:

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

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

Condition 2-1: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6NYCRR 621.13

Item 2-1.1:

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



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

Item 4.1:

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

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

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

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

Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

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

NYSDEC Regional Permit Administrator
Region 1 Headquarters
Division of Environmental Permits
SUNY Campus, Loop Road, Building 40
Stony Brook, NY 11790-2356
(631) 444-0365

Condition 2-2: Submission of application for permit modification or renewal - REGION 1

HEADQUARTERS

Applicable State Requirement: 6NYCRR 621.6(a)

Item 2-2.1:

Applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 1 Headquarters
Division of Environmental Permits
Stony Brook University
50 Circle Road
Stony Brook, NY 11790-3409
(631) 444-0365

Condition 1-3: Submission of application for permit modification or



HEADQUARTERS

Applicable State Requirement: 6NYCRR 621.6(a)

Item 1-3.1:

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

NYSDEC Regional Permit Administrator
Region 1 Headquarters
Division of Environmental Permits
Stony Brook University
50 Circle Road
Stony Brook, NY 11790-3409
(631) 444-0365



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: TOWN OF HUNTINGTON
100 MAIN ST
HUNTINGTON, NY 11743

Facility: HUNTINGTON RESOURCE RECOVERY FACILITY
99 TOWN LINE RD
E NORTHPORT, NY 11731

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

Mod 0 Permit Effective Date: 12/22/2005

Permit Expiration Date: 12/21/2010

Mod 1 Permit Effective Date: 08/27/2008

Permit Expiration Date: 12/21/2010

Mod 2 Permit Effective Date: 09/23/2009

Permit Expiration Date: 12/21/2010



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
- 1-1 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 14 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 15 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
- 16 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
- 17 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
- 18 6NYCRR 201-6.5(f)(6): Off Permit Changes
- 19 6NYCRR 202-1.1: Required Emissions Tests
- 20 6NYCRR 211.3: Visible Emissions Limited
- 21 40CFR 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6NYCRR 200.3: False statement
- 1-2 6NYCRR 200.7: Compliance Certification
- 24 6NYCRR 201-6: Emission Unit Definition
- 1-3 6NYCRR 201-7: Facility Permissible Emissions
- *1-4 6NYCRR 201-7: Capping Monitoring Condition
- *1-5 6NYCRR 201-7: Capping Monitoring Condition
- 25 6NYCRR 202-1.3: Acceptable procedures
- 1-6 6NYCRR 231-2.5: Compliance Certification
- 1-7 40CFR 52.21, Subpart A: Compliance Certification
- 1-8 40CFR 52.21, Subpart A: Compliance Certification
- 1-9 40CFR 52.21, Subpart A: Compliance Certification
- 1-10 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-11 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-12 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-13 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-14 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-15 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-16 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-17 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-18 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-19 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-20 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-21 40CFR 52.21(j)(2), Subpart A: Compliance Certification



- 1-22 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-23 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-24 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-25 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-26 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-27 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-28 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-29 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-30 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-31 40CFR 52.21(j)(2), Subpart A: Compliance Certification
- 1-32 40CFR 60.36b, NSPS Subpart Cb: Compliance Certification
- 1-33 40CFR 60.39b(a), NSPS Subpart Cb: Compliance Certification
- 1-34 40CFR 60.39b(a), NSPS Subpart Cb: Compliance Certification
- 1-35 40CFR 60.39b(a), NSPS Subpart Cb: Compliance Certification
- 1-36 40CFR 64: Compliance Certification

Emission Unit Level

- 34 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 35 6NYCRR 201-6: Process Definition By Emission Unit
- 1-37 40CFR 60.33b(a)(1)(i), NSPS Subpart Cb: Compliance Certification
- 1-38 40CFR 60.33b(a)(1)(iii), NSPS Subpart Cb: Compliance Certification
- 1-39 40CFR 60.33b(a)(2)(i), NSPS Subpart Cb: Compliance Certification
- 1-40 40CFR 60.33b(a)(3), NSPS Subpart Cb: Compliance Certification
- 1-41 40CFR 60.33b(a)(3), NSPS Subpart Cb: Compliance Certification
- 1-42 40CFR 60.33b(a)(4), NSPS Subpart Cb: Compliance Certification
- 1-43 40CFR 60.33b(b)(3)(i), NSPS Subpart Cb: Compliance Certification
- 1-44 40CFR 60.33b(b)(3)(ii), NSPS Subpart Cb: Compliance Certification
- 1-45 40CFR 60.33b(b)(3)(ii), NSPS Subpart Cb: Compliance Certification
- 1-46 40CFR 60.33b(c)(1)(iii), NSPS Subpart Cb: Compliance Certification
- 1-47 40CFR 60.34b(a), NSPS Subpart Cb: Compliance Certification
- 1-48 40CFR 60.34b(b), NSPS Subpart Cb: Compliance Certification
- 1-49 40CFR 60.34b(b), NSPS Subpart Cb: Compliance Certification

EU=1-MBMWC,EP=00001,Proc=MW1,ES=00MWC

- 1-50 40CFR 60.35b, NSPS Subpart Cb: Operating Manual
- 1-51 40CFR 60.35b, NSPS Subpart Cb: Operator Training
- 1-52 40CFR 60.35b, NSPS Subpart Cb: Compliance Certification

EU=1-MBMWC,EP=00001,Proc=MW1,ES=00MWC

- 1-53 40CFR 60.38b, NSPS Subpart Cb: Compliance and performance testing.

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 80 ECL 19-0301: Contaminant List
- 2-1 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 81 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 2-2 6NYCRR 211.2: Air pollution prohibited
- 83 6NYCRR 211.2: Air pollution prohibited
- 1-54 6NYCRR 617.11(d): Compliance Demonstration
- 1-55 6NYCRR 617.11(d): Compliance Demonstration
- 1-56 6NYCRR 617.11(d): Compliance Demonstration
- 1-57 6NYCRR 617.11(d): Compliance Demonstration
- 1-58 6NYCRR 617.11(d): Compliance Demonstration
- 1-59 6NYCRR 617.11(d): Compliance Demonstration



- 1-60 6NYCRR 617.11(d): Compliance Demonstration
- 1-61 6NYCRR 617.11(d): Compliance Demonstration
- 1-62 6NYCRR 617.11(d): Compliance Demonstration
- 1-63 6NYCRR 617.11(d): Compliance Demonstration
- 1-64 6NYCRR 617.11(d): Compliance Demonstration
- 1-65 6NYCRR 617.11(d): Compliance Demonstration
- 1-66 6NYCRR 617.11(d): Compliance Demonstration
- 1-67 6NYCRR 617.11(d): Compliance Demonstration

Emission Unit Level

- 1-68 6NYCRR 219-7.2: Compliance Demonstration
- 1-69 6NYCRR 219-7.2: Compliance Demonstration

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

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

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

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

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 12/22/2005 and 12/21/2010

Applicable Federal Requirement:6NYCRR 200.6

Item 1.1:

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

Condition 2: Fees
Effective between the dates of 12/22/2005 and 12/21/2010

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 12/22/2005 and 12/21/2010

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 12/22/2005 and 12/21/2010

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

Item 4.1:

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

Condition 5: Compliance Certification

Effective between the dates of 12/22/2005 and 12/21/2010

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

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

Notify the Department and report permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken. Where the underlying applicable



requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations shall be submitted to the permitting authority based on the following schedule:

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

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

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

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

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

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for



hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

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

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

Condition 6: Compliance Certification
Effective between the dates of 12/22/2005 and 12/21/2010

Applicable Federal Requirement: 6 NYCRR 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 following:

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

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

The address for the RAPCE is as follows:



NYSDEC
SUNY Campus
Building 40
Stony Brook, NY 11790-2356

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2006.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 12/22/2005 and 12/21/2010

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 12/22/2005 and 12/21/2010

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 12/22/2005 and 12/21/2010**

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 12/22/2005 and 12/21/2010**

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 12/22/2005 and 12/21/2010**

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 1-1: Prohibition of Reintroduction of Collected Contaminants to
the air**

Effective between the dates of 08/27/2008 and 12/21/2010

Applicable Federal Requirement:6NYCRR 201-1.8

Replaces Condition(s) 12



Item 1-1.1:

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

Condition 13: Exempt Sources - Proof of Eligibility
Effective between the dates of 12/22/2005 and 12/21/2010

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

Item 13.1:

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 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 12/22/2005 and 12/21/2010

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

Item 14.1:

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 15: Standard Requirement - Provide Information
Effective between the dates of 12/22/2005 and 12/21/2010

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

Item 15.1:

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 16: General Condition - Right to Inspect
Effective between the dates of 12/22/2005 and 12/21/2010

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



Item 16.1:

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 17: Standard Requirements - Progress Reports
Effective between the dates of 12/22/2005 and 12/21/2010**

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

Item 17.1:

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

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

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

**Condition 18: Off Permit Changes
Effective between the dates of 12/22/2005 and 12/21/2010**

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

Item 18.1:

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 19: Required Emissions Tests
Effective between the dates of 12/22/2005 and 12/21/2010

Applicable Federal Requirement:6NYCRR 202-1.1

Item 19.1:

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 20: Visible Emissions Limited
Effective between the dates of 12/22/2005 and 12/21/2010

Applicable Federal Requirement:6NYCRR 211.3

Item 20.1:

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

Condition 21: Accidental release provisions.
Effective between the dates of 12/22/2005 and 12/21/2010

Applicable Federal Requirement:40CFR 68

Item 21.1:

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

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



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

Condition 22: Recycling and Emissions Reduction
Effective between the dates of 12/22/2005 and 12/21/2010

Applicable Federal Requirement:40CFR 82, Subpart F

Item 22.1:

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

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

Condition 23: False statement
Effective between the dates of 12/22/2005 and 12/21/2010

Applicable Federal Requirement:6NYCRR 200.3

Item 23.1:

No person shall make a false statement in connection with applications, plans, specifications and/or reports submitted pursuant to this Subchapter.

Condition 1-2: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

Applicable Federal Requirement:6NYCRR 200.7

Replaces Condition(s) 78

Item 1-2.1:

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

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: ST1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: ST2	Emission Point: 00002 Emission Source: 1AXBR



Emission Unit: 1-MBMWC
Process: ST3

Emission Point: 00003
Emission Source: 2AXBR

Item 1-2.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

As alternative to natural gas, the facility is allowed to combust propane gas in the auxiliary burners in each furnace in the total amount not to exceed the limit shown in this condition. The usage of the fuel shall be metered with record kept and reported in the annual report to the department.

The facility is limited to either 109,500,000 cubic feet per year of natural gas or the amount of propane gas shown below. Combining to the two is not allowed.

Parameter Monitored: PROPANE

Upper Permit Limit: 1203627 gallons per year

Monitoring Frequency: CONTINUOUS

Averaging Method: CALENDAR YEAR AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 24: Emission Unit Definition

Effective between the dates of 12/22/2005 and 12/21/2010

Applicable Federal Requirement:6NYCRR 201-6

Item 24.1(From Mod 2):

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

Emission Unit: 1-MBMWC

Emission Unit Description:

Three municipal waste combustors with a nominal design capacity of 250 ton per day at 6000 Btu/lb. The combustors are a mass burn waterwall design that utilizes a martin grate system. Each combustor exhausts through a separate flue in a common stack. Air pollution control equipment for each independent train includes dry scrubbers for acid gas control, fabric filter for particulate removal, selective non-catalytic reduction (SNCR) for control of nitrogen oxides, activated carbon injection for control of mercury and good combustion. Each unit is also equipped with a continuous emission monitoring system to provide feedback on the effectiveness of the air pollution control (APC) equipment. The HRRF may accept and process up to 60,000 gallons per day of landfill leachate as dilution



water in the three spray dry absorbers.

The base operating scenario for the Huntington Resource Recovery Facility (HRRF) includes the combustion of solid waste in three 250 tpd units as allowed in the HRRF's solid waste permit contained in the facility's Certificate to Operate and as otherwise approved by NYSDEC. The facility is authorized to receive municipal solid waste which includes residential, commercial and governmental and/or institutional waste, the combustible portion of construction and demolition (C&D) debris, light industrial waste, shredded tires, and other non-hazardous industrial waste streams as approved by NYSDEC on a case by case basis. The HRRF uses propane gas as an auxiliary fuel only in its base operating scenario. Propane gas is used during startup to warm the unit up to the minimum required combustion zone temperature and residence time before introducing refuse into the furnace and during the transition period before the fires are fully sustained by the refuse. Propane gas is used as an auxiliary fuel during shutdown in order to maintain minimum combustion zone temperature and residence time requirements until refuse is burned off the grates. Auxiliary fuel is also used during periods of upset and at any other time the furnace temperature/residence time requirements would not otherwise be met.

HRRF is subject to 40 CFR 60 Subpart Cb and will follow the procedures for startup, shutdown and malfunction relief, outlined in section 40 CFR 60.58b(a) of Subpart Eb, as referenced through 40 CFR 60.38b of Subpart Cb. The 40 CFR 60.58b(a) states that "the standards under this subpart apply at all times except, during periods of startup, shutdown, or malfunction; provided, however, that the duration of startup, shutdown and malfunction shall not exceed three (3) hours per occurrence." effective January 15, 2002, 40 CFR 60.58b(a) has been amended to increase the duration of the malfunction exemption period to 15 hours, applicable to the compliance of carbon monoxide emission only, if the malfunction is determined to be due to the loss of boiler water control level (e.g., boiler water tube failure) or a loss of combustion air fan (e.g., loss of combustion air fan, induced draft fan, combustion grate bar failure).

The standards regulated under this subpart, and, therefore, for which the regulation provides startup, shutdown and malfunction relief, are particulate matter, opacity, sulfur dioxide, hydrogen chloride, nitrogen oxide, carbon monoxide and baghouse inlet temperature. Furthermore, combustion index, as well as additional permit limits for the constituents listed above, is logically afforded the same relief, since combustion index is based on the carbon monoxide measurement and is addressing the same principal as the carbon monoxide



permit limit, i.e., requiring a certain combustion efficiency. HRRF will follow the procedures for malfunction relief as outlined in the 40 CFR 60.58b(a) as discussed above and can seek relief for additional regulated parameters from NYSDEC on a case by case basis pursuant to 6 NYCRR Part 201-1.4. In addition, the emergency defense provision of 6 NYCRR Part 201-1.5 also applies to HRRF.

Building(s): 1

Condition 1-3: Facility Permissible Emissions
Effective between the dates of 08/27/2008 and 12/21/2010

Applicable Federal Requirement:6NYCRR 201-7

Item 2-3.1:

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

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

CAS No: 0NY210-00-0 (From Mod 2) PTE: 1,236,000
pounds per year
Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0 (From Mod 2) PTE: 168,000 pounds
per year
Name: VOC

Condition 1-4: Capping Monitoring Condition
Effective between the dates of 08/27/2008 and 12/21/2010

Applicable Federal Requirement:6NYCRR 201-7

Item 1-4.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2

Item 1-4.2:

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

Item 1-4.3:

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



other state and federal air pollution control requirements, regulations or law.

Item 1-4.4:

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

Item 1-4.5:

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

Item 1-4.6:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC	Emission Point: 00002



Process: MW2	Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR
Emission Unit: 1-MBMWC Process: ST1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: ST1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: ST1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: ST1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: ST1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: ST1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: ST2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: ST2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: ST2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: ST2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: ST2	Emission Point: 00002 Emission Source: 1AXBR



Emission Unit: 1-MBMWC Process: ST2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: ST3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: ST3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: ST3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: ST3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: ST3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: ST3	Emission Point: 00003 Emission Source: 2SNCR

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

Item 1-4.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Annual NOx emissions from each furnace flue shall not exceed the limit shown in this condition. This annual limitation shall be derived from the hourly mass emissions rate computed by the facility continuous emission monitoring system (CEMs), accounting the actual on-line hours for each respective furnace.

Records for demonstration of compliance with the NOx emission limit shall be maintained on site for five years. These records shall include i) mass emissions totaled over each 24-hour daily period (the total of hourly averages 12:00 midnight to the following midnight), and ii) the total mass emissions over a 365 day period. Any exceedances of the allowable annual NOx emission limitation must be reported in writing to the NYSDEC regional office within 10 working days of the exceedance.

Manufacturer Name/Model Number: Thermo Environmental 10S

Upper Permit Limit: 206 tons per year

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: QUARTERLY (CALENDAR)



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

Condition 1-5: Capping Monitoring Condition
Effective between the dates of 08/27/2008 and 12/21/2010

Applicable Federal Requirement:6NYCRR 201-7

Item 1-5.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 231-2

Item 1-5.2:

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

Item 1-5.3:

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

Item 1-5.4:

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

Item 1-5.5:

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

Item 1-5.6:

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

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC



Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR
Emission Unit: 1-MBMWC Process: ST1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: ST1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC	Emission Point: 00001



Process: ST1	Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: ST1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: ST1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: ST1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: ST2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: ST2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: ST2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: ST2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: ST2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: ST2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: ST3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: ST3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: ST3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: ST3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: ST3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: ST3	Emission Point: 00003 Emission Source: 2SNCR
Regulated Contaminant(s): CAS No: 0NY998-00-0	VOC

Item 1-5.7:

Compliance Certification shall include the following monitoring:



Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Annual hydrocarbon (non-methane) as ethane emissions from each furnace flue shall not exceed the limit shown in this condition. The annual limitation shall be calculated from the stack emission tests conducted during the calendar year using the EPA method shown, accounting for the actual on-line hours for each respective furnace.

Records for demonstration of compliance with the voc emission limit shall be maintained on site for five years.

Any exceedances of the allowable annual voc emission limitation must be reported in writing to the NYSDEC regional office within 10 working days of the exceedance

Upper Permit Limit: 28 tons per year

Reference Test Method: 40 CFR 60 App A RM25A

Monitoring Frequency: ANNUALLY

Averaging Method: ANNUAL TOTAL

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 25: Acceptable procedures
Effective between the dates of 12/22/2005 and 12/21/2010

Applicable Federal Requirement:6NYCRR 202-1.3

Item 25.1:

Emission testing, sampling, and analytical determinations to ascertain compliance with this Subpart shall be conducted in accordance with test methods acceptable to the commissioner.

Condition 1-6: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

Applicable Federal Requirement:6NYCRR 231-2.5

Replaces Condition(s) 53

Item 1-6.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 1-6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Hydrocarbon (non-methane) as ethane emissions from each flue shall not exceed the limit shown in this condition.



Compliance shall be based on stack testing at interval specified by NYSDEC, using 40 CFR 60, Appendix A, Method 25A or equivalent method acceptable to the Commissioner.

Parameter Monitored: VOC

Upper Permit Limit: 6.4 pounds per hour

Reference Test Method: 40 CFR 60 App A RM25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-7: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

Applicable Federal Requirement:40CFR 52.21, Subpart A

Replaces Condition(s) 54

Item 1-7.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC	Emission Point: 00002



Process: MW2	Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

Item 1-7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Stack Testing Frequency:

A. Manual stack testing shall be conducted for the following contaminants:

1. Total Particulate Matter
2. PM-10
3. Sulfur Dioxide
4. Oxides of Nitrogen
5. Carbon Monoxide
6. Carbon Dioxide
7. Hydrogen Chloride
8. 2,3,7,8-Tetrachlorodibenzo-P-Dioxin
9. 2,3,7,8-Tetrachlorodibenzofuran
9. Lead
10. Cadmium
11. Mercury
12. Polychlorinated Biphenyl
13. Total Polycyclic Aromatic Hydrocarbons
14. Formaldehyde
15. Hydrogen Fluoride
16. Trace Metals (Arsenic, Beryllium, Chromium, Manganese, Nickel, Vanadium and Zinc)
17. Ammonia

Testing shall be conducted at intervals specified by the



department in writing and/or in accordance with the 40 CFR 60, Subpart Cb requirements. All testing shall be conducted in accordance with a test protocol approved by NYSDEC.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-8: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

Applicable Federal Requirement:40CFR 52.21, Subpart A

Replaces Condition(s) 36

Item 1-8.1:

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

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC	Emission Point: 00002



Process: MW2	Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

Item 1-8.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Bypass operation and refuse feed restrictions:

The air pollution control device treating the flue gas from a furnace shall not be operated in the flue gas bypass mode at any time while combustible waste is contained in that furnace. Flue gas bypass mode of the air pollution control devices treating the flue gas from a furnace is permitted at any time during which only auxiliary fuel is being combusted in that furnace.

Additionally, refuse feed into the affected furnace shall be discontinued within 30 minutes of the time of failure of any air pollution control device treating the flue gas from that furnace.

The permittee shall demonstrate compliance through record keeping that the waste feed damper is at closed position while operating in the flue gas bypass mode and such record shall be maintained at the site for NYSDEC review.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-9: Compliance Certification

Effective between the dates of 08/27/2008 and 12/21/2010

Applicable Federal Requirement:40CFR 52.21, Subpart A



Replaces Condition(s) 55

Item 1-9.1:

The Compliance Certification activity will be performed for the Facility.

Item 1-9.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall not burn more than 350,000 tons per year of authorized wastes. The total throughput for each month and the calendar year-to-date total of waste combusted must be reported to the Department on a monthly basis. This federally enforceable throughput limit is based on the Permit Modification requests dated April 2000, indicating that no increases to any other permit conditions are being sought, including all emission limitations. Compliance shall be based as follows:

Charging Rate:

The facility shall not charge (process) more than 350,000 tons per 12-month rolling average and shall report to the Department, on a monthly basis, the facility's average annual throughput using the following formula:

$$\text{Tons Processed/Week} = \text{Tons Received/Week} \pm \text{Change in Existing Inventory/Week} - \text{Bulkies Removed from the Floor/Week}$$

where,

$$\text{Tons Received/Week} = \text{Tons of incoming municipal waste received at the tipping floor for that week.}$$

$$\pm \text{Change in the Existing Inventory/Week} = \text{Change in the existing waste inventory determined from the prior week's calculation and either added to (if the inventory went down) or subtracted from (if the inventory went up) the total deliveries recorded by the scale system for the week.}$$

$$\text{Bulkies Removed from the Floor/Week} = \text{Any bulky or unacceptable waste that is removed from the incoming waste on the tipping floor during that week.}$$

To demonstrate compliance with the 12-month rolling average, the facility shall calculate the existing inventory, the tons of bulkies removed and the number of tons processed at the end of each month.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION



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

Condition 1-10: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 67

Item 1-10.1:

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

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC	Emission Point: 00003



Process: MW3	Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

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

Item 1-10.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

HCl emissions from each flue shall not exceed the limit shown in this condition, expressed as an 8-hour average, as determined by CEMs. In absence of CEMs, compliance shall be based on annual stack testing using 40 CFR 60, Appendix A, Method 26 or equivalent method acceptable to the Commissioner.

Parameter Monitored: HYDROGEN CHLORIDE

Upper Permit Limit: 10.3 pounds per hour

Reference Test Method: 40 CFR 60 App

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-11: Compliance Certification

Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 73

Item 1-11.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC	Emission Point: 00001
Process: MW1	Emission Source: 000BH



Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

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



Item 1-11.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Hydrocarbon (non-methane) as ethane emissions from each flue shall not exceed the limit shown in this condition. Compliance shall be based on stack testing at interval specified by NYSDEC, using 40 CFR 60, Appendix A, Method 25A or equivalent method acceptable to the Commissioner.

Parameter Monitored: VOC

Upper Permit Limit: 6.4 pounds per hour

Reference Test Method: 40 CFR 60 App A RM25A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-12: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 62

Item 1-12.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI



Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

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

Item 1-12.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

HCl emissions from each flue shall not exceed 10 percent by weight of the uncontrolled HCl emissions (90 percent reduction), as determined by continuous monitoring, based on a running 8-hour average, except for 12 periods per year per boiler for scrubber atomizer wheel maintenance, during which the averaging time will be on a running 24-hour basis.

The permittee shall meet less stringent of this limit or the concentration limit of 50 ppmv (corrected to 7% o₂) as specified in this permit. The permittee shall also comply with the requirements 40 CFR 60, Subpart Cb.

HCl monitoring to be conducted at the inlet and outlet of



acid gas control equipment as per a protocol submitted by permittee and approved by NYSDEC. HCl continuous monitoring may be waived upon satisfactory demonstration by the permittee that HCl cannot be reliably monitored at the facility and provided that an alternative monitoring procedure acceptable to NYSDEC is implemented. If HCl monitors are not installed initially, NYSDEC may require installation in the future.

Without continuous monitoring, compliance shall be based on annual stack testing using 40 CFR 60, Appendix A, Method 26.

Parameter Monitored: HYDROGEN CHLORIDE
 Lower Permit Limit: 90 percent reduction by weight
 Reference Test Method: See Description
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
 Averaging Method: ARITHMETIC MEAN
 Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-13: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 72

Item 1-13.1:

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

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC	Emission Point: 00002



Process: MW2	Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

Regulated Contaminant(s):
CAS No: 007440-41-7 BERYLLIUM

Item 1-13.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions from each flue shall not exceed the limit shown in this condition. Compliance shall be based on stack testing at interval specified by NYSDEC, using 40 CFR 60, Appendix A, Method 29.

Parameter Monitored: BERYLLIUM

Upper Permit Limit: 0.0002 pounds per hour

Reference Test Method: 40 CFR 60 App A RM29

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 1-14: Compliance Certification**

Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 61

Item 1-14.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC	Emission Point: 00003



Process: MW3 Emission Source: 20MWC

Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 20SDA

Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 2AXBR

Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 2SNCR

Regulated Contaminant(s):
CAS No: ONY075-00-0 PARTICULATES

Item 1-14.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emissions from each flue shall not exceed the limit shown in this condition. Compliance shall be based on annual stack testing, using 40 CFR 60, Appendix A, Method 5.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.010 grains per dry standard cubic foot (corrected to 7% O2)

Reference Test Method: 40 CFR 60 App A RM5

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-15: Compliance Certification

Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 56

Item 1-15.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Emission Point: 00001
Process: MW1 Emission Source: 000BH

Emission Unit: 1-MBMWC Emission Point: 00001
Process: MW1 Emission Source: 00ACI

Emission Unit: 1-MBMWC Emission Point: 00001
Process: MW1 Emission Source: 00MWC

Emission Unit: 1-MBMWC Emission Point: 00001
Process: MW1 Emission Source: 00SDA



Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR
Regulated Contaminant(s): CAS No: 007664-93-9	SULFURIC ACID

Item 1-15.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Sulfuric acid mist emissions from each flue shall not exceed the limit shown in this condition. Compliance



shall be based on stack testing at interval specified by NYSDEC, using 40 CFR 60, Appendix A, Method 8 or equivalent method acceptable to the Commissioner.

Parameter Monitored: SULFURIC ACID

Upper Permit Limit: 2.04 pounds per hour

Reference Test Method: 40 CFR 60 App A RM8

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-16: Compliance Certification

Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 70

Item 1-16.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC	Emission Point: 00002



Process: MW2 Emission Source: 1AXBR

Emission Unit: 1-MBMWC Emission Point: 00002
Process: MW2 Emission Source: 1SNCR

Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 200BH

Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 20ACI

Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 20MWC

Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 20SDA

Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 2AXBR

Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 2SNCR

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

Item 1-16.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions from each flue shall not exceed the limit shown in this condition. Compliance shall be based on stack testing at interval specified by NYSDEC, using 40 CFR 60, Appendix A, Method 10 or equivalent method acceptable to the Commissioner.

Manufacturer Name/Model Number: Siemens Ultra - Mat 21P

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 15.9 pounds per hour

Reference Test Method: 40 CFR 60 App A RM10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 8-HOUR BLOCK - ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-17: Compliance Certification

Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 77

Item 1-17.1:



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

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR



Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 2SNCR

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

Item 1-17.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions from each flue shall not exceed the limit shown in this condition. Compliance shall be based on annual stack testing using 40 CFR 60, Appendix A, Method 29. The permittee shall also comply with the requirements of 40 CFR 60, Subpart Cb and 6 NYCRR Part 219-7.

Parameter Monitored: MERCURY
Upper Permit Limit: 0.05 pounds per hour
Reference Test Method: 40 CFR 60 App A RM29
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: ARITHMETIC MEAN
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-18: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 65

Item 1-18.1:

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

Emission Unit: 1-MBMWC Emission Point: 00001
Process: MW1 Emission Source: 000BH

Emission Unit: 1-MBMWC Emission Point: 00001
Process: MW1 Emission Source: 00ACI

Emission Unit: 1-MBMWC Emission Point: 00001
Process: MW1 Emission Source: 00MWC

Emission Unit: 1-MBMWC Emission Point: 00001
Process: MW1 Emission Source: 00SDA

Emission Unit: 1-MBMWC Emission Point: 00001
Process: MW1 Emission Source: 0SNCR

Emission Unit: 1-MBMWC Emission Point: 00001
Process: MW1 Emission Source: AXBRN



Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

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

Item 1-18.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions from each flue shall not exceed the limit shown in this condition. Compliance shall be based on stack testing at interval specified by NYSDEC, using 40 CFR 60, Appendix A, Method 6C or equivalent method acceptable to the Commissioner.

Manufacturer Name/Model Number: Western Research 721AT

Parameter Monitored: SULFUR DIOXIDE



Upper Permit Limit: 32.6 pounds per hour

Reference Test Method: 40 CFR 60 App A RM6C

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 8-HOUR BLOCK - ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-19: Compliance Certification

Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 69

Item 1-19.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR



Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

Item 1-19.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Operating requirement per PSD permit to maintain temperature of the flue gas at the exit of the acid gas control device at or below the temperature indicated in this condition, as determined by continuous monitoring based on the averaging method shown. Except for 12 periods per year per boiler for scrubber atomizer wheel maintenance, during which the averaging time will be on a running 24-hour basis.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 320 degrees Fahrenheit
Reference Test Method: NYSDEC Acceptable
Monitoring Frequency: CONTINUOUS
Averaging Method: 4-HOUR ROLLING AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2008.
Subsequent reports are due every 3 calendar month(s).

Condition 1-20: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 74

Item 1-20.1:

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



Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR



Item 1-20.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Combustion index (CI) as defined in 6 NYCRR Part 219-2.4 shall be maintained as a minimum the limit shown in this condition for each incinerator. Compliance shall be based on CEMs of CO and CO2.

Parameter Monitored: COMBUSTION EFFICIENCY

Lower Permit Limit: 99.9 percent

Reference Test Method: 40 CFR 60 App B & B

Monitoring Frequency: CONTINUOUS

Averaging Method: 7-DAY AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2008.

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

Condition 1-21: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 57

Item 1-21.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH



Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

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

Item 1-21.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions from each flue shall not exceed the limit shown in this condition. This limit is equivalent to 180 parts per million by volume (dry corrected to 12 % CO₂).

Compliance shall be based on CEMs. CEMs shall be installed, maintained and operated in accordance with 40 CFR 60, Appendices B and F.

Manufacturer Name/Model Number: Thermo Environmental 10s

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 185 parts per million by volume



(dry, corrected to 7% O₂)
 Reference Test Method: 40 CFR 60 App
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 3-HOUR ROLLING AVERAGE
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 10/30/2008.
 Subsequent reports are due every 3 calendar month(s).

Condition 1-22: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 63

Item 1-22.1:

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

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC	Emission Point: 00002



Process: MW2	Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

Item 1-22.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Combustion index (CI) as defined in 6 NYCRR Part 219-2.4 shall be maintained as a minimum the limit shown in this condition for each incinerator. CI shall be determined from continuous measurements conducted at a location prior to any air pollution control equipment. Compliance shall be based on CEMs of CO and CO₂.

Manufacturer Name/Model Number: As Per Plan
Parameter Monitored: COMBUSTION EFFICIENCY
Lower Permit Limit: 99.8 percent
Reference Test Method: 40 CFR 60 App B & F
Monitoring Frequency: CONTINUOUS
Averaging Method: 8-HOUR RUNNING AVERAGE ROLLED HOURLY
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2008.
Subsequent reports are due every 3 calendar month(s).

Condition 1-23: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 59

Item 1-23.1:

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



Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC	Emission Point: 00003



Process: MW3

Emission Source: 2SNCR

Regulated Contaminant(s):

CAS No: 007446-09-5

SULFUR DIOXIDE

Item 1-23.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

SO2 emissions from each flue shall not exceed 30 percent by weight of the uncontrolled SO2 emissions (70 percent reduction), as determined by continuous monitoring, based on a running 8-hour average, except for 12 periods per year per boiler for scrubber atomizer wheel maintenance, during which the averaging time will be on a running 24-hour basis. The permittee shall meet less stringent of this limit or the concentration limit of 90 ppmdv corrected to 7% O2. Compliance shall be based on CEMs. CEMs shall be installed, maintained and operated in accordance with 40 CFR 60, Appendices B and F.

The permittee shall also comply with the requirements of 40 CFR 60, Subpart Cb.

Manufacturer Name/Model Number: Western Research 721AT

Parameter Monitored: SULFUR DIOXIDE

Lower Permit Limit: 70 percent by weight

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 8-HOUR RUNNING AVERAGE ROLLED HOURLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2008.

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

Condition 1-24: Compliance Certification

Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 58

Item 1-24.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC

Process: MW1

Emission Point: 00001

Emission Source: 000BH

Emission Unit: 1-MBMWC

Process: MW1

Emission Point: 00001

Emission Source: 00ACI

Emission Unit: 1-MBMWC

Emission Point: 00001



Process: MW1	Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR
Regulated Contaminant(s): CAS No: 000630-08-0	CARBON MONOXIDE

Item 1-24.2:

Compliance Certification shall include the following monitoring:



Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions from each flue shall not exceed the limit shown in this condition. Compliance shall be based on CEMs. CEMs shall be installed, maintained and operated in accordance with 40 CFR 60, Subpart Cb and Appendices B and F.

Manufacturer Name/Model Number: Thermo Environmental, Model 48

Parameter Monitored: CARBON MONOXIDE

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

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 8-HOUR RUNNING AVERAGE ROLLED HOURLY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2008.

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

Condition 1-25: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 75

Item 1-25.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI



Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

Regulated Contaminant(s):
CAS No: 0NY075-00-5 PM-10

Item 1-25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate less than 10 microns diameter (PM-10) from each furnace flue shall not exceed 0.010 gr/dscf corrected to 7% O₂. Compliance shall be based on stack testing at intervals specified by NYSDEC, using 40 CFR 60, Appendix A, Method 5.

Parameter Monitored: PM-10

Upper Permit Limit: 0.010 grains per dry standard cubic foot (corrected to 7% O₂)

Reference Test Method: EPA 201 or 201A & 202

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE



Condition 1-26: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 64

Item 1-26.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI



Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

Item 1-26.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Temperature requirements -

The temperature of gases in the combustion zone of each incinerator must be maintained at a minimum temperature shown in this condition for a residence time of not less than 1 second, or a time and temperature shown to be equivalent to the limit shown in this condition at 1 second.

Auxiliary burners shall be operated as necessary to comply with this requirement and at the following times:

1. Furnace start up prior to introduction of municipal solid waste into furnace;
2. Furnace shutdown when municipal solid waste feed has been discontinued until all refuse is cleared from combustion chamber;
3. During upset operations or to maintain temperature and flue gas residence time defined in this condition.

Compliance shall be based on continuous measurement of temperature at surrogate location using methods specified in the plan submitted in April 1993 and June 1995 and approved by the department in February 2, 1996.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1800 degrees Fahrenheit

Reference Test Method: See Description

Monitoring Frequency: CONTINUOUS

Averaging Method: 30 MINUTE CONTINUOUS

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2008.

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

Condition 1-27: Compliance Certification



Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 71

Item 1-27.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC



Emission Unit: 1-MBMWC Emission Point: 00003
 Process: MW3 Emission Source: 20SDA

Emission Unit: 1-MBMWC Emission Point: 00003
 Process: MW3 Emission Source: 2AXBR

Emission Unit: 1-MBMWC Emission Point: 00003
 Process: MW3 Emission Source: 2SNCR

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

Item 1-27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions from each flue shall not exceed the limit shown in this condition. Compliance shall be based on stack testing at interval specified by NYSDEC, using 40 CFR 60, Appendix A, Method 26A or equivalent method acceptable to the Commissioner.

Parameter Monitored: HYDROGEN FLUORIDE

Upper Permit Limit: 0.73 pounds per hour

Reference Test Method: 40 CFR 60 App A RM26A

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-28: Compliance Certification

Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 60

Item 1-28.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Emission Point: 00001
 Process: MW1 Emission Source: 000BH

Emission Unit: 1-MBMWC Emission Point: 00001
 Process: MW1 Emission Source: 00ACI

Emission Unit: 1-MBMWC Emission Point: 00001
 Process: MW1 Emission Source: 00MWC

Emission Unit: 1-MBMWC Emission Point: 00001
 Process: MW1 Emission Source: 00SDA



Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

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

Item 1-28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

SO2 emissions from each flue shall not exceed 90 ppm_{dv} corrected to 7% O₂, as determined by continuous



monitoring, based on a running 8-hour average, except for 12 periods per year per boiler for scrubber atomizer wheel maintenance, during which the averaging time will be on a running 24-hour basis. The permittee shall meet less stringent of this limit or the 70 percent reduction limit. Compliance shall be based on CEMs. CEMs shall be installed, maintained and operated in accordance with 40 CFR 60, Appendices B and F.

The permittee shall also comply with the requirements 40 CFR 60, Subpart Cb.

Manufacturer Name/Model Number: Western Research 721AT
 Parameter Monitored: SULFUR DIOXIDE
 Upper Permit Limit: 90 parts per million by volume (dry, corrected to 7% O2)
 Reference Test Method: 40 CFR 60 App B & F
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 8-HOUR RUNNING AVERAGE ROLLED HOURLY
 Reporting Requirements: QUARTERLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 10/30/2008.
 Subsequent reports are due every 3 calendar month(s).

Condition 1-29: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 68

Item 1-29.1:

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

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC	Emission Point: 00002



Process: MW2	Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

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

Item 1-29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions from each flue shall not exceed the limit shown in this condition. Compliance shall be based on annual stack testing using 40 CFR 60, Appendix A, Method 29. The permittee shall also comply with the requirements of 40 CFR 60, Subpart Cb.

Manufacturer Name/Model Number: As Per Plan

Parameter Monitored: LEAD

Upper Permit Limit: 0.28 pounds per hour

Reference Test Method: 40 CFR 60 App A RM29



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-30: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 76

Item 1-30.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH



Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

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

Item 1-30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

HCl emissions from each flue shall not exceed 50 ppm dry volume corrected at 7% O₂, as determined by continuous monitoring, based on a running 8-hour average, except for 12 periods per year per boiler for scrubber atomizer wheel maintenance, during which the averaging time will be on a running 24-hour basis.

The permittee shall meet less stringent of this limit or the percent reduction limit of 90 percent as specified in this permit. The permittee shall also comply with the requirements 40 CFR 60, Subpart Cb.

HCl monitoring to be conducted at the inlet and outlet of acid gas control equipment as per a protocol submitted by permittee and approved by NYSDEC. HCl continuous monitoring may be waived upon satisfactory demonstration by the permittee that HCl cannot be reliably monitored at the facility and provided that an alternative monitoring procedure acceptable to NYSDEC is implemented. If HCl monitors are not installed initially, NYSDEC may require installation in the future.

Without continuous monitoring, compliance shall be based on annual stack testing using 40 CFR 60, Appendix A, Method 26.

Parameter Monitored: HYDROGEN CHLORIDE

Upper Permit Limit: 50 parts per million by volume (dry, corrected to 7% O₂)



Reference Test Method: See Description

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-31: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 66

Item 1-31.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC	Emission Point: 00003



Process: MW3	Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

Item 1-31.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Each unit at the facility shall be restricted to a maximum steam load level not to exceed 110 percent of the maximum 4-hour block average unit steam load (measured in pounds per hour) achieved during the most recent dioxin/furan test demonstrating compliance with the organics standard contained herein.

Hourly steam values shall be recorded during testing for determination of maximum 4-hour block average and the value submitted to the Department.

Parameter Monitored: STEAM

Upper Permit Limit: 110 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2008.

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

Condition 1-32: Compliance Certification

Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 30

Item 1-32.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:



Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR



Item 1-32.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

Parameter Monitored: OPACITY

Upper Permit Limit: 5 percent

Reference Test Method: EPA Ref. Method 22

Monitoring Frequency: ANNUALLY

Averaging Method: 9 MINUTES PER 3-HOUR PERIOD

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 1-33: Compliance Certification

Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 52

Item 1-33.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR



Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

Item 1-33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall comply with the reporting and recordkeeping requirements listed in 60.59b, as applicable, excluding the siting requirements under 60.59b(a), (b) and (d)(11).

For affected facilities that apply activated carbon for mercury or dioxin/furan control, the owner or operator shall comply with the records specified in



40CFR60.59b(d)(4)(i) through (d)(4)(v) of the same section. These include, but not limited to, estimate of an average feed rate based on carbon injection system operating parameters such as the screw feeder speed, hopper volume, hopper refill frequency, or other parameters appropriate to the feed system being employed, as specified in 40CFR60.58b(m)(1)(i) and (m)(1)(ii) of the same section.

The owner or operator shall estimate the total carbon usage of the plant (kilograms or pounds) for each calendar quarter by two independent methods, according to the procedures in paragraphs 40CFR60.58b(m)(3)(i) and (m)(3)(ii) of the same section.

The owner or operator shall submit the average carbon feed rate recorded under paragraph 40CFR60.59b(d)(4)(i) through (ii). The facility must also report the carbon feed rate as determined during the most recent stack test in the final Stack Test Report.

Identification of the calendar dates when the average carbon mass feed rates recorded, based on a 6-hour block (arithmetic mean), were less than the hourly carbon feed rates estimated during mercury or dioxin/furan performance tests with reasons for such feed rates and a description of the corrective action taken.

Identification of the calendar dates when the carbon injection system operating parameters that are the primary indicators of carbon mass feed rate, based on a 6-hour block (arithmetic mean), were below the levels estimated during mercury or dioxin/furan performance tests with reasons for such occurrences and a description of the corrective action taken.

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 HOUR BLOCK - ARITHMETIC MEAN

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2008.

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

Condition 1-34: Compliance Certification

Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 51

Item 1-34.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:



Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR



Item 1-34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Contingency Plans dated July 30, 2001 to demonstrate the back up capability of the facility's carbon injection system.

The two contingency plans are i) Volumetric Carbon flow Mode for the failure of the scale or associated controls (Plan "A") and ii) Split Carbon Flow Mode for the total feed/scale systems failure (Plan "B"). These Plans must be implemented to demonstrate continuous compliance/monitoring of activated carbon feed rate as a parametric monitoring of mercury and dioxin/furan emissions, provided the following conditions are met:

1. A 24-hour written notification is made to the Department upon execution of any one of these plans.
2. Under Contingency Plan "A", the manual set-point of the feeder speed shall be at least 15%.
3. Under Contingency Plan "B", the carbon feed rate must be set to a minimum of two and one half (2.5) times the normal (i.e., stack tested) injection set-point.
4. The operating and recordkeeping procedures (e.g., hourly feeder set-point, output to feeder and refilling of the feeder hopper etc.) for both plans as depicted in the Section 7.4 of the Facility's Environmental Compliance Operating Manual (Response to Low Carbon Flow Excursion) shall be strictly adhered to and made available for Department review upon request.
5. Department reserves the right to exercise its own discretion to nullify the contingency plans and seek a permanent fixes of the feeder scale assembly, in case of prolong or excessive use of the plans.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-35: Compliance Certification

Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 32

**Item 1-35.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC	Emission Point: 00003



Process: MW3

Emission Source: 2AXBR

Emission Unit: 1-MBMWC

Emission Point: 00003

Process: MW3

Emission Source: 2SNCR

Item 1-35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 1-36: Compliance Certification

Effective between the dates of 08/27/2008 and 12/21/2010

Applicable Federal Requirement:40CFR 64

Replaces Condition(s) 33

Item 1-36.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC

Emission Point: 00001

Process: MW1

Emission Source: 000BH

Emission Unit: 1-MBMWC

Emission Point: 00001

Process: MW1

Emission Source: 00ACI

Emission Unit: 1-MBMWC

Emission Point: 00001

Process: MW1

Emission Source: 00MWC

Emission Unit: 1-MBMWC

Emission Point: 00001

Process: MW1

Emission Source: 00SDA

Emission Unit: 1-MBMWC

Emission Point: 00001

Process: MW1

Emission Source: 0SNCR

Emission Unit: 1-MBMWC

Emission Point: 00001

Process: MW1

Emission Source: AXBRN

Emission Unit: 1-MBMWC

Emission Point: 00002

Process: MW2

Emission Source: 100BH



Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR
Regulated Contaminant(s): CAS No: 007664-39-3	HYDROGEN FLUORIDE

Item 1-36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Compliance Assurance Monitoring (CAM) plan for Hydrogen Fluoride (HF) is monitoring of Sulfur dioxide (SO₂). Please refer to correspondence dated July 18, 2005 from Covanta Huntington to NYSDEC, Region 1.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**** Emission Unit Level ****



Condition 34: Emission Point Definition By Emission Unit
Effective between the dates of 12/22/2005 and 12/21/2010

Applicable Federal Requirement:6NYCRR 201-6

Item 34.1(From Mod 2):

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

Emission Unit: 1-MBMWC

Emission Point: 00001
Height (ft.): 312 Diameter (in.): 48
NYTMN (km.): 4526.723 NYTME (km.): 644.333 Building: 1

Emission Point: 00002
Height (ft.): 312 Diameter (in.): 48
NYTMN (km.): 4526.723 NYTME (km.): 644.333 Building: 1

Emission Point: 00003
Height (ft.): 312 Diameter (in.): 48
NYTMN (km.): 4526.723 NYTME (km.): 644.333 Building: 1

Condition 35: Process Definition By Emission Unit
Effective between the dates of 12/22/2005 and 12/21/2010

Applicable Federal Requirement:6NYCRR 201-6

Item 35.1(From Mod 2):

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

Emission Unit: 1-MBMWC

Process: MW1

Source Classification Code: 5-01-001-05

Process Description:

The base operating scenario for the Huntington Resource Recovery Facility (HRRF) includes the combustion of solid waste in a nominally sized 250 tons per day (tpd) unit as allowed in HRRF's solid waste permit contained in the facility's Certificate to Operate and as otherwise approved by NYSDEC. The facility is authorized to receive municipal solid waste which includes residential, commercial and government and/or institutional waste and other non-hazardous industrial waste streams as approved by NYSDEC on a case by case basis. The authorized non-hazardous wastes are hereby termed as "MSW". For startup, shutdown and malfunction relief, HRRF will follow the procedures outlined in the 40 CFR 60.58b(a) and can seek relief for additional regulated parameters from NYSDEC on a case by case basis pursuant to 6 NYCRR Part 201-1.4. In addition, the emergency defense provision of 6 NYCRR Part 201-1.5 also applies to HRRF. Replaces process MSW.

Emission Source/Control: AXBRN - Combustion



Emission Source/Control: 000BH - Control
Control Type: FABRIC FILTER

Emission Source/Control: 00ACI - Control
Control Type: ACTIVATED CARBON INJECTION

Emission Source/Control: 00CIS - Control
Control Type: ACTIVATED CARBON INJECTION

Emission Source/Control: 00SDA - Control
Control Type: DRY SPRAY ABSORPTION

Emission Source/Control: 0SNCR - Control
Control Type: SELECTIVE NON-CATALYTIC REDUCTION
(SNCR)

Emission Source/Control: 100BH - Control
Control Type: FABRIC FILTER

Emission Source/Control: 10ACI - Control
Control Type: ACTIVATED CARBON INJECTION

Emission Source/Control: 10SDA - Control
Control Type: DRY SPRAY ABSORPTION

Emission Source/Control: 00MWC - Incinerator
Design Capacity: 250 tons per day
Waste Feed Method: CHUTE FED
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID
WASTE

Emission Source/Control: 10MWC - Incinerator
Design Capacity: 250 tons per day
Waste Feed Method: CHUTE FED
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID
WASTE

Item 35.2(From Mod 2):

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

Emission Unit: 1-MBMWC

Process: MW2

Source Classification Code: 5-01-001-05

Process Description:

The base operating scenario for the Huntington Resource Recovery Facility (HRRF) includes the combustion of solid waste in a nominally sized 250 tons per day (tpd) unit as allowed in HRRF's solid waste permit contained in the facility's Certificate to Operate and as otherwise approved by NYSDEC. The facility is authorized to receive municipal solid waste which includes residential, commercial and government and/or institutional waste and other non-hazardous industrial waste streams as approved



by NYSDEC on a case by case basis. The authorized non-hazardous wastes are hereby termed as "MSW". For startup, shutdown and malfunction relief, HRRF will follow the procedures outlined in the 40 CFR 60.58b(a) and can seek relief for additional regulated parameters from NYSDEC on a case by case basis pursuant to 6 NYCRR Part 201-1.4. In addition, the emergency defense provision of 6 NYCRR Part 201-1.5 also applies to HRRF. Replaces process MSW.

Emission Source/Control: 1AXBR - Combustion

Emission Source/Control: 100BH - Control
Control Type: FABRIC FILTER

Emission Source/Control: 10ACI - Control
Control Type: ACTIVATED CARBON INJECTION

Emission Source/Control: 10SDA - Control
Control Type: DRY SPRAY ABSORPTION

Emission Source/Control: 1SNCR - Control
Control Type: SELECTIVE NON-CATALYTIC REDUCTION
(SNCR)

Emission Source/Control: 10MWC - Incinerator
Design Capacity: 250 tons per day
Waste Feed Method: CHUTE FED
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID
WASTE

Item 35.3(From Mod 2):

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

Emission Unit: 1-MBMWC

Process: MW3

Source Classification Code: 5-01-001-05

Process Description:

The base operating scenario for the Huntington Resource Recovery Facility (HRRF) includes the combustion of solid waste in a nominally sized 250 tons per day (tpd) unit as allowed in HRRF's solid waste permit contained in the facility's Certificate to Operate and as otherwise approved by NYSDEC. The facility is authorized to receive municipal solid waste which includes residential, commercial and government and/or institutional waste and other non-hazardous industrial waste streams as approved by NYSDEC on a case by case basis. The authorized non-hazardous wastes are hereby termed as "MSW". For startup, shutdown and malfunction relief, HRRF will follow the procedures outlined in the 40 CFR 60.58b(a) and can seek relief for additional regulated parameters from NYSDEC on a case by case basis pursuant to 6 NYCRR Part 201-1.4. In addition, the emergency defense provision of 6



NYCRR Part 201-1.5 also applies to HRRF. Replaces process MSW.

Emission Source/Control: 2AXBR - Combustion

Emission Source/Control: 200BH - Control
Control Type: FABRIC FILTER

Emission Source/Control: 20ACI - Control
Control Type: ACTIVATED CARBON INJECTION

Emission Source/Control: 20SDA - Control
Control Type: DRY SPRAY ABSORPTION

Emission Source/Control: 2SNCR - Control
Control Type: SELECTIVE NON-CATALYTIC REDUCTION
(SNCR)

Emission Source/Control: 20MWC - Incinerator
Design Capacity: 250 tons per day
Waste Feed Method: CHUTE FED
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID
WASTE

Item 35.4(From Mod 2):

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

Emission Unit: 1-MBMWC

Process: ST1

Source Classification Code: 5-01-900-06

Process Description:

Municipal waste combustor is capable of firing propane during startup/shutdown and malfunction conditions, in addition to transitioning to/from MSW firing or to maintain combustion temperature. The Huntington Resource Recovery Facility (HRRF) uses propane gas as an auxiliary fuel only in its base operating scenario. Propane gas is used during startup to warm the unit up to the minimum required combustion zone temperature and residence time before introducing refuse into the furnace and during the transition period before the fires are fully sustained by the refuse. Propane gas is used as an auxiliary fuel during shutdown in order to maintain minimum combustion zone temperature and residence time requirements until refuse is burned off the grates. Auxiliary fuel is also used during periods of upset and at any other time the furnace temperature/residence time requirements would not otherwise be met. For startup, shutdown and malfunction relief, HRRF will follow the procedures outlined in the 40 CFR 60.58b(a) and can seek relief for additional regulated parameters from NYSDEC on a case by case basis pursuant to 6 NYCRR Part 201-1.4. In addition, the emergency defense provision of 6 NYCRR Part 201-1.5 also applies to HRRF. The following descriptions/definitions will be utilized to



identify the MWC operating modes. Replaces process STS.

Emission Source/Control: AXBRN - Combustion

Emission Source/Control: 000BH - Control
Control Type: FABRIC FILTER

Emission Source/Control: 00ACI - Control
Control Type: ACTIVATED CARBON INJECTION

Emission Source/Control: 00SDA - Control
Control Type: DRY SPRAY ABSORPTION

Emission Source/Control: 0SNCR - Control
Control Type: SELECTIVE NON-CATALYTIC REDUCTION
(SNCR)

Emission Source/Control: 00MWC - Incinerator
Design Capacity: 250 tons per day
Waste Feed Method: CHUTE FED
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID
WASTE

Item 35.5(From Mod 2):

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

Emission Unit: 1-MBMWC

Process: ST2

Source Classification Code: 5-01-900-06

Process Description:

Municipal waste combustor is capable of firing propane during startup/shutdown and malfunction conditions, in addition to transitioning to/from MSW firing or to maintain combustion temperature. The Huntington Resource Recovery Facility (HRRF) uses propane gas as an auxiliary fuel only in its base operating scenario. Propane gas is used during startup to warm the unit up to the minimum required combustion zone temperature and residence time before introducing refuse into the furnace and during the transition period before the fires are fully sustained by the refuse. Propane gas is used as an auxiliary fuel during shutdown in order to maintain minimum combustion zone temperature and residence time requirements until refuse is burned off the grates. Auxiliary fuel is also used during periods of upset and at any other time the furnace temperature/residence time requirements would not otherwise be met. For startup, shutdown and malfunction relief, HRRF will follow the procedures outlined in the 40 CFR 60.58b(a) and can seek relief for additional regulated parameters from NYSDEC on a case by case basis pursuant to 6 NYCRR Part 201-1.4. In addition, the emergency defense provision of 6 NYCRR Part 201-1.5 also applies to HRRF. The following descriptions/definitions will be utilized to identify the MWC operating modes. Replaces process STS.



Emission Source/Control: 1AXBR - Combustion

Emission Source/Control: 100BH - Control
Control Type: FABRIC FILTER

Emission Source/Control: 10ACI - Control
Control Type: ACTIVATED CARBON INJECTION

Emission Source/Control: 10SDA - Control
Control Type: DRY SPRAY ABSORPTION

Emission Source/Control: 1SNCR - Control
Control Type: SELECTIVE NON-CATALYTIC REDUCTION
(SNCR)

Emission Source/Control: 10MWC - Incinerator
Design Capacity: 250 tons per day
Waste Feed Method: CHUTE FED
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID
WASTE

Item 35.6(From Mod 2):

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

Emission Unit: 1-MBMWC

Process: ST3

Source Classification Code: 5-01-900-06

Process Description:

Municipal waste combustor is capable of firing propane during startup/shutdown and malfunction conditions, in addition to transitioning to/from MSW firing or to maintain combustion temperature. The Huntington Resource Recovery Facility (HRRF) uses propane gas as an auxiliary fuel only in its base operating scenario. Propane gas is used during startup to warm the unit up to the minimum required combustion zone temperature and residence time before introducing refuse into the furnace and during the transition period before the fires are fully sustained by the refuse. Propane gas is used as an auxiliary fuel during shutdown in order to maintain minimum combustion zone temperature and residence time requirements until refuse is burned off the grates. Auxiliary fuel is also used during periods of upset and at any other time the furnace temperature/residence time requirements would not otherwise be met. For startup, shutdown and malfunction relief, HRRF will follow the procedures outlined in the 40 CFR 60.58b(a) and can seek relief for additional regulated parameters from NYSDEC on a case by case basis pursuant to 6 NYCRR Part 201-1.4. In addition, the emergency defense provision of 6 NYCRR Part 201-1.5 also applies to HRRF. The following descriptions/definitions will be utilized to identify the MWC operating modes. Replaces process STS.



Emission Source/Control: 2AXBR - Combustion

Emission Source/Control: 200BH - Control
Control Type: FABRIC FILTER

Emission Source/Control: 20ACI - Control
Control Type: ACTIVATED CARBON INJECTION

Emission Source/Control: 20SDA - Control
Control Type: DRY SPRAY ABSORPTION

Emission Source/Control: 2SNCR - Control
Control Type: SELECTIVE NON-CATALYTIC REDUCTION
(SNCR)

Emission Source/Control: 20MWC - Incinerator
Design Capacity: 250 tons per day
Waste Feed Method: CHUTE FED
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID
WASTE

Condition 1-37: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Cb

Item 1-37.1:

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

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC	Emission Point: 00002



Process: MW2	Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

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

Item 1-37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Each affected MWC unit is required to meet an emission limit for particulate matter not to exceed 25 milligrams per dry standard cubic meter, corrected to 7 percent oxygen. Compliance will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. The protocol and schedule for the initial test are to be submitted within 180 days of the issued date of this permit. Reporting shall be done in accordance with 40 CFR 60.39b, as applicable. Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department.



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

Reference Test Method: 40 CFR 60 App A RM5

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 1-38: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 37

Item 1-38.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR



Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

Item 1-38.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The emission limit for opacity exhibited by the gases discharged to the atmosphere from a designated facility must not exceed 10 percent (6-minute average). Compliance with this limit shall be demonstrated using a continuous opacity monitor (COM) operated in accordance with a quality assurance/ quality control protocol approved by the Department.

Parameter Monitored: OPACITY
Upper Permit Limit: 10 percent
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2008.
Subsequent reports are due every 3 calendar month(s).

Condition 1-39: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Cb

Replaces Condition(s) 38

**Item 1-39.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC	Emission Point: 00003



Process: MW3

Emission Source: 2AXBR

Emission Unit: 1-MBMWC

Emission Point: 00003

Process: MW3

Emission Source: 2SNCR

Regulated Contaminant(s):

CAS No: 007440-43-9 CADMIUM

Item 1-39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Each affected MWC unit is required to meet an emission limit for cadmium not to exceed 35 micrograms per dry standard cubic meter, corrected to 7 percent oxygen. Compliance will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. The protocol and schedule for the initial test are to be submitted within 180 days of the issued date of this permit. Reporting shall be done in accordance with 40 CFR 60.39b, as applicable. Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department.

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

Reference Test Method: EPA Ref Test Method

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 1-40: Compliance Certification

Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 40

Item 1-40.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC

Emission Point: 00001

Process: MW1

Emission Source: 000BH

Emission Unit: 1-MBMWC

Emission Point: 00001

Process: MW1

Emission Source: 00ACI

Emission Unit: 1-MBMWC

Emission Point: 00001



Process: MW1	Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR
Regulated Contaminant(s): CAS No: 007439-97-6	MERCURY

Item 1-40.2:

Compliance Certification shall include the following monitoring:



Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Each affected MWC unit is required to meet the less stringent of either of the following: an emission limit for mercury not to exceed 50 micrograms per dry standard cubic meter, corrected to 7 percent oxygen or, an 85 percent reduction by weight of the potential mercury emission concentration. Compliance with the emission concentration limit will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. The protocol and schedule for the initial test are to be submitted within 180 days of the issued date of this permit. Reporting shall be done in accordance with 40 CFR 60.39b, as applicable. Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department.

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

Reference Test Method: 40 CFR 60 App A RM29

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 1-41: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 41

Item 1-41.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR



Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

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

Item 1-41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Each affected MWC unit is required to meet the less stringent of either of the following: an emission limit for mercury not to exceed 50 micrograms per dry standard cubic meter, corrected to 7 percent oxygen or, an 85 percent reduction by weight of the potential mercury emission concentration. Compliance with the latter



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

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

Reference Test Method: 40 CFR 60 App A RM29

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 1-42: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Item 1-42.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI



Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

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

Item 1-42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Each affected MWC unit is required to meet an emission limit for lead not to exceed 400 micrograms per dry standard cubic meter, corrected to 7 percent oxygen. Compliance will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. The protocol and schedule for the initial test are to be submitted within 180 days of the issued date of this permit. Reporting shall be done in accordance with 40 CFR 60.39b, as applicable. Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department.

Upper Permit Limit: 400 micrograms per dry standard cubic meter (corrected to 7% oxygen)



Reference Test Method: 40 CFR 60 App A RM29
 Monitoring Frequency: ANNUALLY
 Averaging Method: ARITHMETIC MEAN
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2009.
 Subsequent reports are due every 6 calendar month(s).

Condition 1-43: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Cb

Item 1-43.1:

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

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR



Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

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

Item 1-43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

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

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

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY AVERAGE (GEOMETRIC MEAN)

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2008.

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

Condition 1-44: Compliance Certification

Effective between the dates of 08/27/2008 and 12/21/2010

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

**Cb****Item 1-44.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA



Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 2AXBR

Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 2SNCR

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

Item 1-44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Each affected MWC unit is required to meet the less stringent of either of the following: an emission limit for hydrogen chloride not to exceed 29 part per million by volume, corrected to 7 percent oxygen (dry basis) or, an 95 percent reduction by weight or volume of the potential hydrogen chloride emission concentration. Compliance with the emission concentration limit will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. The protocol and schedule for the initial test are to be submitted within 180 days of the issued date of this permit. Reporting shall be done in accordance with 40 CFR 60.39b, as applicable. Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department.

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

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 1-45: Compliance Certification

Effective between the dates of 08/27/2008 and 12/21/2010

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

Cb

Item 1-45.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Emission Point: 00001
Process: MW1 Emission Source: 000BH



Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

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



Item 1-45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Each affected MWC unit is required to meet the less stringent of either of the following: an emission limit for hydrogen chloride not to exceed 29 part per million by volume, corrected to 7 percent oxygen (dry basis) or, an 95 percent reduction by weight or volume of the potential hydrogen chloride emission concentration. Compliance with the latter (percent reduction) limit will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. The protocol and schedule for the initial test are to be submitted within 180 days of the issued date of this permit. Reporting shall be done in accordance with 40 CFR 60.39b, as applicable. Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department.

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

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 1-46: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Cb

Item 1-46.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC	Emission Point: 00001
Process: MW1	Emission Source: 000BH
Emission Unit: 1-MBMWC	Emission Point: 00001
Process: MW1	Emission Source: 00ACI
Emission Unit: 1-MBMWC	Emission Point: 00001
Process: MW1	Emission Source: 00MWC
Emission Unit: 1-MBMWC	Emission Point: 00001
Process: MW1	Emission Source: 00SDA



Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR
Regulated Contaminant(s): CAS No: 001746-01-6	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

Item 1-46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Each affected MWC unit which does not employ an electrostatic precipitator for emission controls is



required to meet an emission concentration limit for dioxin/furan not to exceed 30 nanograms per dry standard cubic meter (total mass), corrected to 7 percent oxygen. Compliance with the limit will be determined by conducting a stack emission test according to a protocol and schedule approved by the Department. The protocol and schedule for the initial test are to be submitted within 180 days of the issued date of this permit. Reporting shall be done in accordance with 40 CFR 60.39b, as applicable. Subsequent stack emissions tests will be required on annual basis unless otherwise directed by the Department.

Upper Permit Limit: 30 nanograms per dry standard cubic meter (total mass, corrected to 7% O2)

Reference Test Method: 40 CFR 60 App A RM23

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 1-47: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 48

Item 1-47.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC	Emission Point: 00002



Process: MW2	Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR
Regulated Contaminant(s): CAS No: 000630-08-0	CARBON MONOXIDE

Item 1-47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

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

Parameter Monitored: CARBON MONOXIDE

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

Reference Test Method: 40 CFR 60 App B & F

Monitoring Frequency: CONTINUOUS

Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)

Reporting Requirements: QUARTERLY (CALENDAR)



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

Condition 1-48: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Item 1-48.1:

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

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC	Emission Point: 00003



Process: MW3	Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

Item 1-48.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

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

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

Parameter Monitored: STEAM OUTPUT

Upper Permit Limit: 110 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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



Condition 1-49: Compliance Certification
Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 49

Item 1-49.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI



Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

Item 1-49.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

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

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

Parameter Monitored: TEMPERATURE ABOVE CONTROL DEVICE TEMPERATURE

Upper Permit Limit: 17 degrees Centigrade (or Celsius)

Monitoring Frequency: CONTINUOUS

Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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



Condition 1-50: Operating Manual

Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 26

Item 1-50.1:

This Condition applies to:

Emission Unit: 1MBMWC Emission Point: 00001
Process: MW1 Emission Source: 000BH

Emission Unit: 1MBMWC Emission Point: 00001
Process: MW1 Emission Source: 00ACI

Emission Unit: 1MBMWC Emission Point: 00001
Process: MW1 Emission Source: 00SDA

Emission Unit: 1MBMWC Emission Point: 00001
Process: MW1 Emission Source: 0SNCR

Emission Unit: 1MBMWC Emission Point: 00001
Process: MW1 Emission Source: AXBRN

Emission Unit: 1MBMWC Emission Point: 00002
Process: MW2 Emission Source: 100BH

Emission Unit: 1MBMWC Emission Point: 00002
Process: MW2 Emission Source: 10ACI

Emission Unit: 1MBMWC Emission Point: 00002
Process: MW2 Emission Source: 10MWC

Emission Unit: 1MBMWC Emission Point: 00002
Process: MW2 Emission Source: 10SDA

Emission Unit: 1MBMWC Emission Point: 00002
Process: MW2 Emission Source: 1AXBR

Emission Unit: 1MBMWC Emission Point: 00002
Process: MW2 Emission Source: 1SNCR

Emission Unit: 1MBMWC Emission Point: 00003
Process: MW3 Emission Source: 200BH

Emission Unit: 1MBMWC Emission Point: 00003
Process: MW3 Emission Source: 20ACI

Emission Unit: 1MBMWC Emission Point: 00003
Process: MW3 Emission Source: 20MWC

Emission Unit: 1MBMWC Emission Point: 00003



Process: MW3 Emission Source: 20SDA

Emission Unit: 1MBMWC Emission Point: 00003
Process: MW3 Emission Source: 2AXBR

Emission Unit: 1MBMWC Emission Point: 00003
Process: MW3 Emission Source: 2SNCR

Item 1-50.1:

This Condition applies to Emission Unit: 1-MBMWC Emission Point: 00001
Process: MW1 Emission
Source: 00MWC

Item 1-50.2.3:

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

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

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

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

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



Condition 1-51: Operator Training

Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 28

Item 1-51.1:

This Condition applies to:

Emission Unit: 1MBMWC Emission Point: 00001
Process: MW1 Emission Source: 000BH

Emission Unit: 1MBMWC Emission Point: 00001
Process: MW1 Emission Source: 00ACI

Emission Unit: 1MBMWC Emission Point: 00001
Process: MW1 Emission Source: 00SDA

Emission Unit: 1MBMWC Emission Point: 00001
Process: MW1 Emission Source: 0SNCR

Emission Unit: 1MBMWC Emission Point: 00001
Process: MW1 Emission Source: AXBRN

Emission Unit: 1MBMWC Emission Point: 00002
Process: MW2 Emission Source: 100BH

Emission Unit: 1MBMWC Emission Point: 00002
Process: MW2 Emission Source: 10ACI

Emission Unit: 1MBMWC Emission Point: 00002
Process: MW2 Emission Source: 10MWC

Emission Unit: 1MBMWC Emission Point: 00002
Process: MW2 Emission Source: 10SDA

Emission Unit: 1MBMWC Emission Point: 00002
Process: MW2 Emission Source: 1AXBR

Emission Unit: 1MBMWC Emission Point: 00002
Process: MW2 Emission Source: 1SNCR

Emission Unit: 1MBMWC Emission Point: 00003
Process: MW3 Emission Source: 200BH

Emission Unit: 1MBMWC Emission Point: 00003
Process: MW3 Emission Source: 20ACI

Emission Unit: 1MBMWC Emission Point: 00003
Process: MW3 Emission Source: 20MWC

Emission Unit: 1MBMWC Emission Point: 00003



Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

Item 1-52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- (1) When the certified chief facility operator and



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

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

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

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

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

promoted

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



exam.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-53: Compliance and performance testing.
Effective between the dates of 08/27/2008 and 12/21/2010

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

Replaces Condition(s) 31

Item 1-53.1:

This Condition applies to:

Emission Unit: 1MBMWC Emission Point: 00001
Process: MW1 Emission Source: 000BH

Emission Unit: 1MBMWC Emission Point: 00001
Process: MW1 Emission Source: 00ACI

Emission Unit: 1MBMWC Emission Point: 00001
Process: MW1 Emission Source: 00SDA

Emission Unit: 1MBMWC Emission Point: 00001
Process: MW1 Emission Source: 0SNCR

Emission Unit: 1MBMWC Emission Point: 00001
Process: MW1 Emission Source: AXBRN

Emission Unit: 1MBMWC Emission Point: 00002
Process: MW2 Emission Source: 100BH

Emission Unit: 1MBMWC Emission Point: 00002
Process: MW2 Emission Source: 10ACI

Emission Unit: 1MBMWC Emission Point: 00002
Process: MW2 Emission Source: 10MWC

Emission Unit: 1MBMWC Emission Point: 00002
Process: MW2 Emission Source: 10SDA

Emission Unit: 1MBMWC Emission Point: 00002
Process: MW2 Emission Source: 1AXBR

Emission Unit: 1MBMWC Emission Point: 00002
Process: MW2 Emission Source: 1SNCR

Emission Unit: 1MBMWC Emission Point: 00003
Process: MW3 Emission Source: 200BH

Emission Unit: 1MBMWC Emission Point: 00003



STATE ONLY ENFORCEABLE CONDITIONS

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

Condition 80: Contaminant List

Effective between the dates of 12/22/2005 and 12/21/2010

Applicable State Requirement:ECL 19-0301

Item 80.1:

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

CAS No: 000050-00-0

Name: FORMALDEHYDE

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 001336-36-3

Name: POLYCHLORINATED BIPHENYL

CAS No: 001746-01-6

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

CAS No: 007439-92-1

Name: LEAD

CAS No: 007439-96-5

Name: MANGANESE

CAS No: 007439-97-6

Name: MERCURY

CAS No: 007440-02-0

Name: NICKEL METAL AND INSOLUBLE COMPOUNDS

CAS No: 007440-38-2

Name: ARSENIC

CAS No: 007440-41-7

Name: BERYLLIUM

CAS No: 007440-43-9

Name: CADMIUM

CAS No: 007440-47-3

Name: CHROMIUM

CAS No: 007440-62-2

Name: VANADIUM



CAS No: 007440-66-6

Name: ZINC

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 007647-01-0

Name: HYDROGEN CHLORIDE

CAS No: 007664-39-3

Name: HYDROGEN FLUORIDE

CAS No: 007664-41-7

Name: AMMONIA

CAS No: 007664-93-9

Name: SULFURIC ACID

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY075-00-5

Name: PM-10

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0

Name: VOC

CAS No: 130498-29-2

Name: POLYCYCLIC AROMATIC HYDROCARBONS

**Condition 2-1: Unavoidable noncompliance and violations
Effective between the dates of 09/23/2009 and 12/21/2010**

Applicable State Requirement: 6NYCRR 201-1.4

Item 2-1.1:

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

- (a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air



contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

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

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

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

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

Condition 81: Unavoidable noncompliance and violations
Effective between the dates of 12/22/2005 and 12/21/2010

Applicable State Requirement:6NYCRR 201-1.4

Item 81.1:

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

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency



and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

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

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

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

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

Condition 2-2: Air pollution prohibited
Effective between the dates of 09/23/2009 and 12/21/2010

Applicable State Requirement:6NYCRR 211.2

Item 2-2.1:

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

Condition 83: Air pollution prohibited
Effective between the dates of 12/22/2005 and 12/21/2010

Applicable State Requirement:6NYCRR 211.2

**Item 83.1:**

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

Condition 1-54: Compliance Demonstration

Effective between the dates of 08/27/2008 and 12/21/2010

Applicable State Requirement: 6NYCRR 617.11(d)

Replaces Condition(s) 91

Item 1-54.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR



Emission Unit: 1-MBMWC
Process: MW3

Emission Point: 00003
Emission Source: 200BH

Emission Unit: 1-MBMWC
Process: MW3

Emission Point: 00003
Emission Source: 20ACI

Emission Unit: 1-MBMWC
Process: MW3

Emission Point: 00003
Emission Source: 20MWC

Emission Unit: 1-MBMWC
Process: MW3

Emission Point: 00003
Emission Source: 20SDA

Emission Unit: 1-MBMWC
Process: MW3

Emission Point: 00003
Emission Source: 2AXBR

Emission Unit: 1-MBMWC
Process: MW3

Emission Point: 00003
Emission Source: 2SNCR

Regulated Contaminant(s):
CAS No: 001336-36-3 POLYCHLORINATED BIPHENYL

Item 1-54.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emissions of polychlorinated biphenyl from each furnace flue shall not exceed the limit shown in this condition. Compliance shall be based on stack testing at interval specified by NYSDEC, using 40 CFR 60, Appendix A, Method 23 or any equivalent acceptable to the Commissioner.

Parameter Monitored: POLYCHLORINATED BIPHENYL

Upper Permit Limit: 3.88E+03 nanograms per dry standard
cubic meter (corrected to 7% O₂)

Reference Test Method: 40 CFR 60 App A RM23

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-55: Compliance Demonstration

Effective between the dates of 08/27/2008 and 12/21/2010

Applicable State Requirement:6NYCRR 617.11(d)

Replaces Condition(s) 95

Item 1-55.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:



Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR



Regulated Contaminant(s):
CAS No: 007440-38-2 ARSENIC

Item 1-55.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emissions of arsenic from each furnace flue shall not exceed the limit shown in this condition. Compliance shall be based on stack testing at interval specified by NYSDEC, using 40 CFR 60, Appendix A, Method 29.

Parameter Monitored: ARSENIC

Upper Permit Limit: 1.2E-03 pounds per hour

Reference Test Method: 40 CFR 60 App A RM29

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-56: Compliance Demonstration

Effective between the dates of 08/27/2008 and 12/21/2010

Applicable State Requirement:6NYCRR 617.11(d)

Replaces Condition(s) 90

Item 1-56.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH



Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

Regulated Contaminant(s):
CAS No: 007440-02-0 NICKEL METAL AND INSOLUBLE
COMPOUNDS

Item 1-56.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emissions of nickel from each furnace flue shall not exceed the limit shown in this condition. Compliance shall be based on stack testing at interval specified by NYSDEC using 40 CFR 60, Appendix A, Method 29.

Parameter Monitored: NICKEL METAL AND INSOLUBLE COMPOUNDS

Upper Permit Limit: 8.2E-04 pounds per hour

Reference Test Method: 40 CFR 60 App A RM29

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: ARITHMETIC MEAN



Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-57: Compliance Demonstration

Effective between the dates of 08/27/2008 and 12/21/2010

Applicable State Requirement: 6NYCRR 617.11(d)

Replaces Condition(s) 89

Item 1-57.1:

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

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI



Emission Unit: 1-MBMWC Emission Point: 00003
 Process: MW3 Emission Source: 20MWC

Emission Unit: 1-MBMWC Emission Point: 00003
 Process: MW3 Emission Source: 20SDA

Emission Unit: 1-MBMWC Emission Point: 00003
 Process: MW3 Emission Source: 2AXBR

Emission Unit: 1-MBMWC Emission Point: 00003
 Process: MW3 Emission Source: 2SNCR

Regulated Contaminant(s):
 CAS No: 007439-96-5 MANGANESE

Item 1-57.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emissions of manganese from each furnace flue shall not exceed the limit shown in this condition. Compliance shall be based on stack testing at interval specified by NYSDEC, using 40 CFR 60, Appendix A, Method 29.

Parameter Monitored: MANGANESE

Upper Permit Limit: 8.6E-03 pounds per hour

Reference Test Method: 40 CFR 60 App A RM29

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-58: Compliance Demonstration

Effective between the dates of 08/27/2008 and 12/21/2010

Applicable State Requirement:6NYCRR 617.11(d)

Replaces Condition(s) 98

Item 1-58.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-MBMWC Emission Point: 00001
 Process: MW1 Emission Source: 000BH

Emission Unit: 1-MBMWC Emission Point: 00001
 Process: MW1 Emission Source: 00ACI

Emission Unit: 1-MBMWC Emission Point: 00001
 Process: MW1 Emission Source: 00MWC



Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR
Regulated Contaminant(s): CAS No: 007664-41-7	AMMONIA

Item 1-58.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:



Ammonia emissions from each flue shall not exceed 50 ppmdv based on 3-hour running average. Compliance shall be based on stack testing at interval specified by NYSDEC, using USEPA draft method for the subject pollutant or equivalent method acceptable to the Commissioner.

Parameter Monitored: AMMONIA

Upper Permit Limit: 50 parts per million by volume (dry, corrected to 7% O₂)

Reference Test Method: EPA Ref Test Method

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-59: Compliance Demonstration
Effective between the dates of 08/27/2008 and 12/21/2010

Applicable State Requirement: 6NYCRR 617.11(d)

Replaces Condition(s) 96

Item 1-59.1:

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

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC	Emission Point: 00002



Process: MW2	Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR
Regulated Contaminant(s): CAS No: 007664-41-7	AMMONIA

Item 1-59.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall operate and maintain an ammonia selective non-catalytic NOx reduction system for the control of NOx emission from each furnace. For the purpose of providing operating flexibility to the facility, the maximum range of ammonia injection shall not exceed 50 pounds per hour. However, the operating range is subject to change at the Department's sole discretion should operating within this range allow or cause exceedences of any pertinent laws, regulations or standards. Should exceedences occur, the facility will be required to inject ammonia between a range of 17 and 25 pounds per hour.

Record keeping of ammonia injection shall be maintained at the site for Department review and any excursion of the value shall be reported to the Regional Air Pollution Control Engineer in the quarterly excess emission report.

Monitoring Frequency: CONTINUOUS



Averaging Method: 3-HOUR ROLLING AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-60: Compliance Demonstration

Effective between the dates of 08/27/2008 and 12/21/2010

Applicable State Requirement: 6NYCRR 617.11(d)

Replaces Condition(s) 101

Item 1-60.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC	Emission Point: 00003



Process: MW3	Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR
Regulated Contaminant(s): CAS No: 000050-00-0 FORMALDEHYDE	

Item 1-60.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emissions of formaldehyde from each furnace flue shall not exceed the limit shown in this condition. Compliance shall be based on stack testing at interval specified by NYSDEC, using 40 CFR 266, Appendix IX, Method 0011 or equivalent method acceptable to the Commissioner.

Parameter Monitored: FORMALDEHYDE

Upper Permit Limit: 1.03E+05 nanograms per dry standard cubic meter (corrected to 7% O2)

Reference Test Method: Method 0011

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-61: Compliance Demonstration

Effective between the dates of 08/27/2008 and 12/21/2010

Applicable State Requirement:6NYCRR 617.11(d)

Replaces Condition(s) 88

Item 1-61.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI



Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR

Item 1-61.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



Record keeping / reporting requirements

A. A manual or continuous record keeping shall be made of the following parameters:

- ζ steam temperature in degrees Fahrenheit, steam pressure in pounds per square inch, and steam flow in pounds per hour;
- ζ hourly auxiliary fuel use per furnace;
- ζ the hourly average pressure drop across each module and also across the inlet and outlet of the entire baghouse in inches of water;
- ζ number of compartment in use of the baghouse, hourly;
- ζ the hourly average temperature at both inlet and outlet of the baghouse in degrees Fahrenheit;
- ζ the hourly average pressure drop across acid gas removal device;
- ζ water in gallons per hour and reagent chemicals in pounds per hour use in the acid gas removal device; and
- ζ the total throughput for each month and the calendar year-to-date total of waste combusted must be reported to the department on a monthly basis.

B. The permittee shall maintain the records and summaries of measurement as listed above (except the waste throughput) and shall produce upon request by the Department representative. Throughput shall be reported as specified above.

C. Emissions in excess of the limits or not in accordance with the requirements set forth in this permit shall be reported by telephone to the NYSDEC Regional Air Pollution Control Engineer as soon as possible during normal working hours, but in any event not later than forty eight hours of becoming aware of such occurrence, followed by written confirmation, along with a program for immediate correction.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-62: Compliance Demonstration
Effective between the dates of 08/27/2008 and 12/21/2010

Applicable State Requirement:6NYCRR 617.11(d)

Replaces Condition(s) 92

Item 1-62.1:

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

Emission Unit: 1-MBMWC

Emission Point: 00001



Process: MW1	Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR



Regulated Contaminant(s):

CAS No: 130498-29-2 POLYCYCLIC AROMATIC HYDROCARBONS

Item 1-62.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emissions of polycyclic aromatic hydrocarbons (PAH) including benzo [a] pyrene) from each furnace flue shall not exceed the limit shown in this condition. Compliance shall be based on stack testing at interval specified by NYSDEC, using 40 CFR 60, Appendix A, Method 23 or any equivalent acceptable to the Commissioner.

Parameter Monitored: POLYCYCLIC AROMATIC HYDROCARBONS

Upper Permit Limit: 8.77E+03 nanograms per dry standard cubic meter (corrected to 7% O2)

Reference Test Method: 40 CFR 60 App A RM23

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-63: Compliance Demonstration

Effective between the dates of 08/27/2008 and 12/21/2010

Applicable State Requirement:6NYCRR 617.11(d)

Replaces Condition(s) 94

Item 1-63.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-MBMWC	Emission Point: 00001
Process: MW1	Emission Source: 000BH
Emission Unit: 1-MBMWC	Emission Point: 00001
Process: MW1	Emission Source: 00ACI
Emission Unit: 1-MBMWC	Emission Point: 00001
Process: MW1	Emission Source: 00MWC
Emission Unit: 1-MBMWC	Emission Point: 00001
Process: MW1	Emission Source: 00SDA
Emission Unit: 1-MBMWC	Emission Point: 00001
Process: MW1	Emission Source: 0SNCR
Emission Unit: 1-MBMWC	Emission Point: 00001
Process: MW1	Emission Source: AXBRN
Emission Unit: 1-MBMWC	Emission Point: 00002



Process: MW2	Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR
Regulated Contaminant(s): CAS No: 007440-66-6	ZINC

Item 1-63.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emissions of zinc from each furnace flue shall not exceed the limit shown in this condition. Compliance shall be based on stack testing at interval specified by NYSDEC using 40 CFR 60, Appendix A, Method 29.

Parameter Monitored: ZINC

Upper Permit Limit: 8.6E-02 pounds per hour

Reference Test Method: 40 CFR 60 App A RM29

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION



Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-64: Compliance Demonstration

Effective between the dates of 08/27/2008 and 12/21/2010

Applicable State Requirement: 6NYCRR 617.11(d)

Replaces Condition(s) 100

Item 1-64.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC	Emission Point: 00003



Process: MW3	Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR
Regulated Contaminant(s): CAS No: 007440-47-3 CHROMIUM	

Item 1-64.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emissions of chromium from each furnace flue shall not exceed the limit shown in this condition. Compliance shall be based on stack testing at interval specified by NYSDEC, using 40 CFR 60, Appendix A, Method 29.

Parameter Monitored: CHROMIUM

Upper Permit Limit: 1.2E-03 pounds per hour

Reference Test Method: 40 CFR 60 App A RM29

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-65: Compliance Demonstration

Effective between the dates of 08/27/2008 and 12/21/2010

Applicable State Requirement: 6NYCRR 617.11(d)

Replaces Condition(s) 93

Item 1-65.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC



Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR
Regulated Contaminant(s): CAS No: 007440-62-2	VANADIUM

Item 1-65.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING



Monitoring Description:

The emissions of vanadium from each furnace flue shall not exceed the limit shown in this condition. Compliance shall be based on stack testing at interval specified by NYSDEC using 40 CFR 60, Appendix A, Method 29.

Parameter Monitored: VANADIUM

Upper Permit Limit: 2.0E-04 pounds per hour

Reference Test Method: 40 CFR 60 App A RM29

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-66: Compliance Demonstration

Effective between the dates of 08/27/2008 and 12/21/2010

Applicable State Requirement:6NYCRR 617.11(d)

Replaces Condition(s) 97

Item 1-66.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA



Emission Unit: 1-MBMWC Emission Point: 00002
Process: MW2 Emission Source: 1AXBR

Emission Unit: 1-MBMWC Emission Point: 00002
Process: MW2 Emission Source: 1SNCR

Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 200BH

Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 20ACI

Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 20MWC

Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 20SDA

Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 2AXBR

Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 2SNCR

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

Item 1-66.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emissions of total polychlorinated dibenzo-p-dioxins and polychlorinated dibenzo furans (tetra-octa homologue groups as well as associated 2,3,7,8 substituted congeners) expressed as 2,3,7,8 tetrachlorinated dibenzo-para-dioxin equivalent using "toxic equivalency factors" (TEQ) listed in 6 NYCRR Part 219-1.1(b)(2), from each furnace flue shall not exceed the limit shown in this condition. Compliance shall be based on stack testing at interval specified by NYSDEC, using method 0010 and 40 CFR 60, Appendix A, Method 23 or equivalent method acceptable to the Commissioner. The minimum sample time shall be 4 hours per test.

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

Upper Permit Limit: 0.61 nanograms per dry standard
cubic meter (corrected to 7% O₂)

Reference Test Method: 40 CFR 60 App A RM23

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: ARITHMETIC MEAN



Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-67: Compliance Demonstration

Effective between the dates of 08/27/2008 and 12/21/2010

Applicable State Requirement:6NYCRR 617.11(d)

Replaces Condition(s) 99

Item 1-67.1:

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

Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI



Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 20MWC

Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 20SDA

Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 2AXBR

Emission Unit: 1-MBMWC Emission Point: 00003
Process: MW3 Emission Source: 2SNCR

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

Item 1-67.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emissions of cadmium from each furnace flue shall not exceed the limit shown in this condition. The permittee shall also comply with the requirements of 40 CFR 60, Subpart Cb in accordance with the compliance schedule required by this permit.

Compliance shall be based on stack testing at interval specified by NYSDEC, using 40 CFR 60, Appendix A, Method 29.

Parameter Monitored: CADMIUM

Upper Permit Limit: 1.5E-03 pounds per hour

Reference Test Method: 40 CFR 60 App A RM29

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

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

Condition 1-68: Compliance Demonstration

Effective between the dates of 08/27/2008 and 12/21/2010

Applicable State Requirement:6NYCRR 219-7.2

Item 1-68.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-MBMWC Emission Point: 00001



Process: MW1	Emission Source: 000BH
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00ACI
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00MWC
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 00SDA
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR



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

Item 1-68.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Mercury emission limit. The Permittee shall meet the less stringent of this limit (concentration), or the 85 percent reduction by weight Mercury emission limit cited in this permit under 6 NYCRR 219-7.2. Annual stack testing for Mercury shall follow the procedures contained in 40 CFR 60.58b(d)(2). Emission control devices must be kept in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such devices effectively.

Parameter Monitored: MERCURY

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

Reference Test Method: EPA Ref. Method 29

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 1-69: Compliance Demonstration
Effective between the dates of 08/27/2008 and 12/21/2010

Applicable State Requirement:6NYCRR 219-7.2

Item 1-69.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: 1-MBMWC	Emission Point: 00001
Process: MW1	Emission Source: 000BH
Emission Unit: 1-MBMWC	Emission Point: 00001
Process: MW1	Emission Source: 00ACI
Emission Unit: 1-MBMWC	Emission Point: 00001
Process: MW1	Emission Source: 00MWC
Emission Unit: 1-MBMWC	Emission Point: 00001
Process: MW1	Emission Source: 00SDA
Emission Unit: 1-MBMWC	Emission Point: 00001



Process: MW1	Emission Source: 0SNCR
Emission Unit: 1-MBMWC Process: MW1	Emission Point: 00001 Emission Source: AXBRN
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 100BH
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10ACI
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10MWC
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 10SDA
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1AXBR
Emission Unit: 1-MBMWC Process: MW2	Emission Point: 00002 Emission Source: 1SNCR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 200BH
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20ACI
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20MWC
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 20SDA
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2AXBR
Emission Unit: 1-MBMWC Process: MW3	Emission Point: 00003 Emission Source: 2SNCR
Regulated Contaminant(s): CAS No: 007439-97-6	MERCURY

Item 1-69.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Mercury emission limit. The Permittee shall meet the less stringent of this limit (percent reduction), or the concentration Mercury emission limit cited in this permit under 6 NYCRR 219-7.2. Annual stack testing for Mercury



shall follow the procedures contained in 40 CFR 60.58b(d)(2). Emission control devices must be kept in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such devices effectively.

Parameter Monitored: MERCURY

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

Reference Test Method: EPA Ref. Method 29

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

New York State Department of Environmental Conservation

Permit ID: 1-4726-00790/00004

Facility DEC ID: 1472600790

