

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 7-3558-00013/00015
Effective Date:

Expiration Date:

Permit Issued To: OSWEGO COUNTY
46 E BRIDGE ST
OSWEGO, NY 13126-2118

Contact: Michael Lutestanski
3125 State Route 3
Fulton, NY 13069
(315) 591-9282

Facility: OSWEGO CO ENERGY RECOVERY FAC
2801 ST RTE 481
FULTON, NY 13069

Contact: Michael Lutestanski
3125 State Route 3
Fulton, NY 13069
(315) 591-9282

Description:

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: KEVIN M BALDUZZI
NYSDEC - REGION 7
5786 Widewaters Pkwy
SYRACUSE, NY 13214-1867

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.

PAGE LOCATION OF CONDITIONS

PAGE

DEC GENERAL CONDITIONS

General Provisions

- 4 1 Facility Inspection by the Department
- 4 2 Relationship of this Permit to Other Department Orders and Determinations
- 4 3 Applications for permit renewals, modifications and transfers
- 5 4 Permit modifications, suspensions or revocations by the Department

Facility Level

- 5 5 Submission of application for permit modification or renewal-REGION 7 HEADQUARTERS

DEC GENERAL CONDITIONS

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

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3

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

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

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 7 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 7 Headquarters
Division of Environmental Permits
5786 Widewaters Parkway
Syracuse, NY 13214-1867
(315) 426-7400

Permit ID: 7-3558-00013/00015

Facility DEC ID: 7355800013

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: OSWEGO COUNTY
46 E BRIDGE ST
OSWEGO, NY 13126-2118

Facility: OSWEGO CO ENERGY RECOVERY FAC
2801 ST RTE 481
FULTON, NY 13069

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

Permit Effective Date:

Permit Expiration Date:

PAGE LOCATION OF CONDITIONS**PAGE****FEDERALLY ENFORCEABLE CONDITIONS****Facility Level**

8	1	6 NYCRR 200.6: Acceptable Ambient Air Quality
8	2	6 NYCRR 201-6.4 (a) (7): Fees
9	3	6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
9	4	6 NYCRR 201-6.4 (c) (2): Compliance Certification
9	5	6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
12	6	6 NYCRR 201-6.4 (e): Compliance Certification
13	7	6 NYCRR 202-2.1: Compliance Certification
14	8	6 NYCRR 202-2.5: Recordkeeping requirements
14	9	6 NYCRR 215.2: Open Fires - Prohibitions
15	10	6 NYCRR 200.7: Maintenance of Equipment
16	11	6 NYCRR 201-1.7: Recycling and Salvage
16	12	6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
16	13	6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
16	14	6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
16	15	6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
17	16	6 NYCRR 201-6.4 (a) (8): Right to Inspect
17	17	6 NYCRR 202-1.1: Required Emissions Tests
17	18	40 CFR Part 68: Accidental release provisions.
18	19	40CFR 82, Subpart F: Recycling and Emissions Reduction
18	20	6 NYCRR Subpart 201-6: Emission Unit Definition
18	21	6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
19	22	6 NYCRR 201-6.4 (f): Operational Flexibility
19	23	6 NYCRR Subpart 202-1: Compliance Certification
20	24	6 NYCRR 202-2.4 (a) (3): Statement dates for emissions statements.
20	25	6 NYCRR 211.2: Visible Emissions Limited
20	26	6 NYCRR 219-10.2 (a): Compliance Certification
22	27	6 NYCRR 219-10.2 (b): Compliance Certification
23	28	6 NYCRR Part 219: Compliance Certification
24	29	40CFR 63, Subpart ZZZZ: Applicability
		Emission Unit Level
25	30	6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
25	31	6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=1-INCIN

26	32	6 NYCRR 219-5.4 (a): Emissions testing.
27	33	40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
27	34	40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and Maintenance Requirements
27	35	40CFR 60.13, NSPS Subpart A: Monitoring requirements.
28	36	40CFR 60.1660, Subpart BBBB: Plant Specific Training
28	37	40CFR 60.1665, Subpart BBBB: Information that must be included in the Plant-Specific Operating Manual
29	38	40CFR 60.1670, Subpart BBBB: Location for keeping the plant specific operating manual
29	39	40CFR 60.1675, Subpart BBBB: Operator Certification for Chief Facility Operator and Shift Supervisor - Class II MWC Units

30	40	40CFR 60.1680, Subpart BBBB: Employees that may operate MWC units.
31	41	40CFR 60.1685, Subpart BBBB: Operation of MWC Unit when Certified Operator is Temporarily Off-Site
32	42	40CFR 60.1690, Subpart BBBB: Compliance Certification
33	43	40CFR 60.1690, Subpart BBBB: Compliance Certification
35	44	40CFR 60.1695, Subpart BBBB: Compliance Certification
35	45	40CFR 60.1705(a)(2), Subpart BBBB: Compliance Certification
36	46	40CFR 60.1705(a)(2), Subpart BBBB: Compliance Certification
37	47	40CFR 60.1705(a)(2), Subpart BBBB: Compliance Certification
38	48	40CFR 60.1705(a)(2), Subpart BBBB: Compliance Certification
38	49	40CFR 60.1705(a)(2), Subpart BBBB: Compliance Certification
39	50	40CFR 60.1705(a)(2), Subpart BBBB: Compliance Certification
40	51	40CFR 60.1705(a)(2), Subpart BBBB: Compliance Certification
41	52	40CFR 60.1705(a)(2), Subpart BBBB: Compliance Certification
42	53	40CFR 60.1705(a)(2), Subpart BBBB: Compliance Certification
43	54	40CFR 60.1705(a)(2), Subpart BBBB: Compliance Certification
43	55	40CFR 60.1705(a)(2), Subpart BBBB: Compliance Certification
44	56	40CFR 60.1705(a)(2), Subpart BBBB: Compliance Certification
45	57	40CFR 60.1705(a)(3), Subpart BBBB: Compliance Certification
46	58	40CFR 60.1710, Subpart BBBB: Compliance Certification
46	59	40CFR 60.1720, Subpart BBBB: Compliance Certification
48	60	40CFR 60.1730, Subpart BBBB: Compliance Certification
49	61	40CFR 60.1750, Subpart BBBB: Compliance Certification
50	62	40CFR 60.1755, Subpart BBBB: Compliance Certification
51	63	40CFR 60.1760, Subpart BBBB: Compliance Certification
52	64	40CFR 60.1775, Subpart BBBB: Compliance Certification
53	65	40CFR 60.1795(a), Subpart BBBB: Compliance Certification
54	66	40CFR 60.1795(b), Subpart BBBB: Compliance Certification
55	67	40CFR 60.1805, Subpart BBBB: Compliance Certification
58	68	40CFR 60.1830, Subpart BBBB: Compliance Certification
58	69	40CFR 60.1835, Subpart BBBB: Compliance Certification
59	70	40CFR 60.1840, Subpart BBBB: Compliance Certification
61	71	40CFR 60.1845, Subpart BBBB: Compliance Certification
62	72	40CFR 60.1850, Subpart BBBB: Compliance Certification
64	73	40CFR 60.1855, Subpart BBBB: Compliance Certification
66	74	40CFR 60.1860, Subpart BBBB: Compliance Certification
66	75	40CFR 60.1865, Subpart BBBB: Compliance Certification
67	76	40CFR 60.1880, Subpart BBBB: Compliance Certification
67	77	40CFR 60.1885, Subpart BBBB: Compliance Certification
70	78	40CFR 60.1890, Subpart BBBB: Compliance Certification
71	79	40CFR 60.1895, Subpart BBBB: Compliance Certification
71	80	40CFR 60.1900, Subpart BBBB: Compliance Certification
73	81	40CFR 60.1905, Subpart BBBB: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

76	82	ECL 19-0301: Contaminant List
77	83	6 NYCRR 201-1.4: Malfunctions and Start-up/Shutdown Activities
77	84	6 NYCRR 211.1: Air pollution prohibited
78	85	6 NYCRR 211.1: Compliance Demonstration
78	86	6 NYCRR 211.1: Compliance Demonstration
79	87	6 NYCRR 257-4.2: Compliance Demonstration

Emission Unit Level

EU=1-INCIN

80 88 6 NYCRR 201-1.4: Compliance Demonstration

FEDERALLY ENFORCEABLE CONDITIONS
Renewal 3/DRAFT **** Facility Level ****

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

- Item A: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)**
The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.
- Item B: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (a) (4)**
Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.
- Item C: Certification by a Responsible Official - 6 NYCRR 201-6.2 (d) (12)**
Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- Item D: Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (a) (2)**
The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.
- Item E: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (a) (3)**
This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay

any permit condition.

Item F: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (a) (5)

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

Item G: Property Rights - 6 NYCRR 201-6.4 (a) (6)

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

Item H: Severability - 6 NYCRR 201-6.4 (a) (9)

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

Item I: Permit Shield - 6 NYCRR 201-6.4 (g)

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

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

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

Item J: Reopening for Cause - 6 NYCRR 201-6.4 (i)

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

i. When additional applicable requirements under the act become applicable to a title V facility with a remaining permit term of three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the department pursuant to the provisions of section 201- 6.6 of this Subpart.

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

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

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

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

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

Item K: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable

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

- Item L: Federally Enforceable Requirements - 40 CFR 70.6 (b)**
All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

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

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

- Condition 1: Acceptable Ambient Air Quality**
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR 200.6

- Item 1.1:**
Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

- Condition 2: Fees**
Effective for entire length of Permit

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

- Item 2.1:**

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

**Condition 3: Recordkeeping and Reporting of Compliance Monitoring
Effective for entire length of Permit**

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

Item 3.1:

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

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

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

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

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

Item 4.1:

The Compliance Certification activity will be performed for the Facility.

Item 4.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a Title V facility must keep all records used to determine compliance with any applicable limit(s) and/or monitoring requirement(s) at the facility (or other Department approved location) for a minimum of five years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

Applicable Federal Requirement:6 NYCRR 201-6.4 (c) (3) (ii)**Item 5.1:**

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.
- (4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements

that apply to this facility, the more stringent reporting requirement shall apply.

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

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

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

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

All semiannual reports may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the

regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

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

Condition 6: Compliance Certification
Effective for entire length of Permit

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
 Monitoring Description:

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

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related 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 annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

Chief – Air Compliance Branch
 USEPA Region 2 DECA/ACB
 290 Broadway, 21st Floor
 New York, NY 10007

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer
 NYSDEC Region 7 Headquarters
 5786 Widewaters Parkway
 Syracuse, NY 13214-1867

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 1/30/2026.
 Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR 202-2.1

Item 7.1:

The Compliance Certification activity will be performed for the Facility.

Item 7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 106 days after the reporting period.

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

**Condition 8: Recordkeeping requirements
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:

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

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

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

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

**Condition 9: Open Fires - Prohibitions
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:

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

Item 9.2

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

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use,

provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.

- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
- (i) Prescribed burns performed according to Part 194 of this Title.
- (j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
- (k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
- (l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

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

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

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

**Condition 10: Maintenance of Equipment
Effective for entire length of Permit**

Applicable Federal Requirement: 6 NYCRR 200.7

Item 10.1:

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

Condition 11: Recycling and Salvage

Effective for entire length of Permit**Applicable Federal Requirement:6 NYCRR 201-1.7****Item 11.1:**

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

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air**Effective for entire length of Permit****Applicable Federal Requirement:6 NYCRR 201-1.8****Item 12.1:**

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

Condition 13: Exempt Sources - Proof of Eligibility
Effective for entire length of Permit**Applicable Federal Requirement:6 NYCRR 201-3.2 (a)****Item 13.1:**

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

Condition 14: Trivial Sources - Proof of Eligibility
Effective for entire length of Permit**Applicable Federal Requirement:6 NYCRR 201-3.3 (a)****Item 14.1:**

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

Condition 15: Requirement to Provide Information
Effective for entire length of Permit**Applicable Federal Requirement:6 NYCRR 201-6.4 (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: Right to Inspect
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 201-6.4 (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: Required Emissions Tests
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 17.1:

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

Condition 18: Accidental release provisions.
Effective for entire length of Permit

Applicable Federal Requirement:40 CFR Part 68

Item 18.1:

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 19: Recycling and Emissions Reduction
Effective for entire length of Permit**

Applicable Federal Requirement:40CFR 82, Subpart F

Item 19.1:

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 20: Emission Unit Definition
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 20.1:

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

Emission Unit: 1-INCIN

Emission Unit Description:

This unit consists of four identical municipal solid waste incineration trains located within the existing incinerator building. The four incinerators combine into two flues each of which is controlled by a spray dryer scrubber and a fabric filter. The two flues are housed by one stack structure outside the APC building where they exhaust to the atmosphere. The flues are identified as emission points 00005 and 00006.

Building(s): 1
2

**Condition 21: Progress Reports Due Semiannually
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 201-6.4 (d) (4)**Item 21.1:**

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 22: Operational Flexibility
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 201-6.4 (f)**Item 22.1:**

A permit modification is not required for changes that are provided for in the permit. Such changes include approved alternate operating scenarios and changes that have been submitted and approved pursuant to an established operational flexibility protocol and the requirements of this section. Each such change cannot be a modification under any provision of Title I of the Clean Air Act or exceed, or cause the facility to exceed, an emissions cap or limitation in the permit. The facility owner or operator must incorporate all changes into any compliance certifications, record keeping, and/or reporting required by the permit.

Condition 23: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR Subpart 202-1**Item 23.1:**

The Compliance Certification activity will be performed for the Facility.

Item 23.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All required emission tests, including those required under 40 CFR 60 Subpart BBBB, shall be conducted in accordance with the provisions of 6NYCRR Part 202-1.

Notification and reporting timeframes stated in 6NYCRR Part 202-1 shall apply.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 24: Statement dates for emissions statements.
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 202-2.4 (a) (3)

Item 24.1:

This facility is required to submit an annual emission statement electronically and these emissions statements must be submitted to the department as per the following schedule:

- (i) March 15th of each year for facilities with three or fewer processes listed in their Title V permit:
- (ii) March 31st of each year for facilities with four to six processes listed in their Title V permit:
- (iii) April 15th of each year for facilities with 7 to 12 processes listed in their Title V permit:
- (iv) April 30th of each year for facilities with 13 or more processes listed in their Title V permit.

**Condition 25: Visible Emissions Limited
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 211.2

Item 25.1:

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 26: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR 219-10.2 (a)

Item 26.1:

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

Emission Unit: 1-INCIN Emission Point: 00005

Emission Unit: 1-INCIN Emission Point: 00006

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

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The modular starved air incinerators (INCRT, INCR2, INCR3, INCR4) at this facility are operating under a NO_x RACT variance. Reductions of NO_x emissions below the current level has been demonstrated to the Department to be technically and economically infeasible.

No owner or operator of a municipal or private solid waste incineration unit shall cause or allow emissions of oxides of nitrogen in excess of 390 parts per million by volume, dry corrected to 7% oxygen on a 24-hour average basis, except during periods of start-up, shutdown, and malfunction.

The owner or operator shall install, operate, calibrate, and maintain a continuous emissions monitoring system (CEMS) for measuring oxides of nitrogen discharged to the atmosphere, and shall record the output of that system.

Compliance with the 24-hour average emission standard specified by this condition is determined using the 24-hour arithmetic average of the hourly emissions concentrations measured by the CEMS. Each 1-hour average shall be based on at least two data points collected during that hour and must be expressed in units of parts per million by volume and corrected to 7% oxygen using the 1-hour arithmetic average data from an oxygen CEMS. Each 24-hour average shall be based on a minimum of 18 valid hourly averages.

All records kept pursuant to this condition shall be maintained at the facility or at an alternative location approved by the Department for a period of at least five years, and must be made available to the Department upon request.

The facility must continue to investigate NO_x RACT strategies for this emission unit and submit an updated NO_x RACT demonstration as part of its Title V renewal application. The demonstration must include an evaluation of the possibility of abatement technology and/or process modification.

This source specific RACT variance has been submitted to the EPA for their review, approval and inclusion in the State Implementation Plan (SIP).

Manufacturer Name/Model Number: Department Approved Make/Model

Upper Permit Limit: 390 parts per million by volume

(dry, corrected to 7% O₂)

Reference Test Method: 40 CFR 60 Appendix B or 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 27: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 6 NYCRR 219-10.2 (b)

Item 27.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-INCIN Emission Point: 00005

Emission Unit: 1-INCIN Emission Point: 00006

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

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The modular starved air incinerators (INCRT, INCR2, INCR3, INCR4) at this facility are operating under a NO_x RACT variance. Reductions of NO_x emissions below the current level has been demonstrated to the Department to be technically and economically infeasible.

No owner or operator of a municipal or private solid waste incineration unit shall cause or allow emissions of oxides of nitrogen in excess of 350 parts per million by volume, dry corrected to 7% oxygen on an annual basis, except during periods of start-up, shutdown, and malfunction.

The owner or operator shall install, operate, calibrate, and maintain a continuous emissions monitoring system (CEMS) for measuring oxides of nitrogen discharged to the atmosphere, and shall record the output of that system.

Compliance with the annual average emission standard specified by this condition is determined using a rolling 365 day average of the 24-hour arithmetic average emissions concentrations measured by the CEMS.

All records kept pursuant to this condition shall be maintained at the facility or at an alternative location approved by the Department for a period of at least five years, and must be made available to the Department upon

request.

The facility must continue to investigate NO_x RACT strategies for this emission unit and submit an updated NO_x RACT demonstration as part of its Title V renewal application. The demonstration must include an evaluation of the possibility of abatement technology and/or process modification.

This source specific RACT variance has been submitted to the EPA for their review, approval and inclusion in the State Implementation Plan (SIP).

Manufacturer Name/Model Number: Department Approved Make/Model
Upper Permit Limit: 350 parts per million by volume

(dry, corrected to 7% O₂)

Reference Test Method: 40 CFR 60 Appendix B or 40 CFR 75

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 28: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR Part 219

Item 28.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a municipal or private solid waste incineration unit subject to the provisions of 6 NYCRR Part 219-10 shall conduct an initial compliance demonstration within 180 days of the date of issuance of a permit issued pursuant to the requirements of this Subpart. The initial compliance demonstration shall be conducted using the continuous emissions monitoring system (CEMs)

The owner or operator of a municipal or private solid waste incinerator unit subject to this Subpart shall install, calibrate, maintain, and operate a continuous emission monitoring system for measuring oxides of nitrogen discharged to the atmosphere, and shall record the output of that system.

Following the date that the initial compliance demonstration, the owner or operator of a unit subject to this Subpart shall demonstrate compliance with the applicable 24-hour oxides of nitrogen emission limit using the 24-hour daily arithmetic average of the hourly emissions concentrations measured by the continuous emissions monitoring system.

(1) Each 1-hour average shall be:

(i) based on at least two data points collected during that hour; and

(ii) expressed in units of parts per million by volume on a dry basis and corrected to seven percent oxygen using the 1-hour arithmetic average oxygen continuous monitoring system data.

(2) Each 24-hour average shall be based on a minimum of 18 valid hourly averages.

Following the date that the initial performance test is completed, the owner or operator of a unit subject to this Subpart shall demonstrate compliance with the applicable annual oxides of nitrogen emissions limit using a rolling 365 day average of the 24-hour daily arithmetic average emissions concentrations.

The owner or operator of a municipal or private solid waste incineration unit subject to this Subpart shall install, operate, calibrate, and maintain the continuous emissions monitoring system required by this section in accordance with all applicable performance specifications, test methods, and manufacturer's recommendations.

Monitoring Frequency: SEMI-ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 29: Applicability
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 29.1:

Facilities that have reciprocating internal combustion engines must comply with applicable portions of 40 CFR 63 Subpart ZZZZ.

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

**Condition 30: Emission Point Definition By Emission Unit
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 30.1:

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

Emission Unit:	1-INCIN		
Emission Point:	00005		
Height (ft.):	155	Diameter (in.):	42
NYTMN (km.):	4800.586	NYTME (km.):	384.442 Building: 2
Emission Point:	00006		
Height (ft.):	155	Diameter (in.):	42
NYTMN (km.):	4800.583	NYTME (km.):	384.442 Building: 2
Emission Point:	BYP01		
Height (ft.):	68	Diameter (in.):	66
NYTMN (km.):	4800.565	NYTME (km.):	384.473 Building: 1
Emission Point:	BYP02		
Height (ft.):	68	Diameter (in.):	66
NYTMN (km.):	4800.554	NYTME (km.):	384.474 Building: 1
Emission Point:	BYP03		
Height (ft.):	68	Diameter (in.):	66
NYTMN (km.):	4800.548	NYTME (km.):	384.475 Building: 1
Emission Point:	BYP04		
Height (ft.):	68	Diameter (in.):	66
NYTMN (km.):	4800.536	NYTME (km.):	384.475 Building: 1

**Condition 31: Process Definition By Emission Unit
Effective for entire length of Permit**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 31.1:

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

Emission Unit:	1-INCIN		
Process:	RTF	Source Classification Code:	5-01-001-03
Process Description:	MSW is incinerated in four existing incinerators provided with retrofitted air pollution control equipment consisting of spray dryer scrubbers and fabric filters. The incinerators are exhausted through two flues identified as emission points 00005 and 00006. Each of the four incinerators are identified as Source IDs: INCRT, INCR2, INCR3, INCR4		

Each of the two air pollution control trains includes a

spray dryer scrubber (SDSCB, SDSC2) and a fabric filter (FBFIL, FBFI2).

Emission Source/Control: FBFI2 - Control
Control Type: FABRIC FILTER

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

Emission Source/Control: SDSC2 - Control
Control Type: WET LIME SLURRY SCRUBBING

Emission Source/Control: SDSCB - Control
Control Type: WET LIME SLURRY SCRUBBING

Emission Source/Control: INCR2 - Incinerator
Design Capacity: 50 tons per day
Waste Feed Method: MANUAL DIRECT FEED
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID WASTE

Emission Source/Control: INCR3 - Incinerator
Design Capacity: 50 tons per day
Waste Feed Method: MANUAL DIRECT FEED
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID WASTE

Emission Source/Control: INCR4 - Incinerator
Design Capacity: 50 tons per day
Waste Feed Method: MANUAL DIRECT FEED
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID WASTE

Emission Source/Control: INCRT - Incinerator
Design Capacity: 50 tons per day
Waste Feed Method: MANUAL DIRECT FEED
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID WASTE

Emission Source/Control: SBUR2 - Process
Design Capacity: 6 million Btu per hour

Emission Source/Control: SBUR3 - Process
Design Capacity: 6 million Btu per hour

Emission Source/Control: SBUR4 - Process
Design Capacity: 6 million Btu per hour

Emission Source/Control: SBURN - Process
Design Capacity: 6 million Btu per hour

**Condition 32: Emissions testing.
Effective for entire length of Permit**

Applicable Federal Requirement: 6 NYCRR 219-5.4 (a)

Item 32.1:

This Condition applies to Emission Unit: 1-INCIN

Item 32.2:

The incinerator must be tested using emission tests acceptable to the Commissioner.

**Condition 33: Applicability of General Provisions of 40 CFR 60 Subpart A
Effective for entire length of Permit****Applicable Federal Requirement:40CFR 60, NSPS Subpart A****Item 33.1:**

This Condition applies to Emission Unit: 1-INCIN

Item 33.2:

This emission source is subject to the applicable general provisions of 40 CFR 60. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

**Condition 34: Compliance with Standards and Maintenance Requirements
Effective for entire length of Permit****Applicable Federal Requirement:40CFR 60.11(d), NSPS Subpart A****Item 34.1:**

This Condition applies to Emission Unit: 1-INCIN

Item 34.2:

At all times, including periods of startup, shutdown, and malfunction, owners and operators of this facility shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department and the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source

**Condition 35: Monitoring requirements.
Effective for entire length of Permit****Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A****Item 35.1:**

This Condition applies to Emission Unit: 1-INCIN

Item 35.2:

All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

Condition 36: Plant Specific Training
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.1660, Subpart BBBB

Item 36.1:

This Condition applies to Emission Unit: 1-INCIN

Item 36.2:

For plant-specific training, permittee must do four things:

(a) Develop a specific operating manual for the MWC plant within six months after any MWC unit begins start-up following modification to comply with the requirements of 40 CFR 60, Subpart BBBB.

(b) Establish a program to review the plant-specific operating manual with staff whose responsibilities affect the operation of any MWC unit. Complete the initial review by the later of two dates:

(1) Six months after any MWC unit begins start-up following modification to comply with the requirements of 40 CFR 60, Subpart BBBB.

(2) The date before an employee assumes responsibilities that affect operation of any MWC unit.

(c) Manual must be updated annually.

(d) Manual must be reviewed with staff annually.

Condition 37: Information that must be included in the Plant-Specific Operating Manual
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.1665, Subpart BBBB

Item 37.1:

This Condition applies to Emission Unit: 1-INCIN

Item 37.2:

Permittee must include the following 11 items in the plant-specific operating manual:

(a) A summary of all applicable 40 CFR 60, Subpart BBBB requirements.

(b) A description of the basic combustion principles that apply to MWC units.

- (c) Procedures for receiving, handling, and feeding municipal solid waste.
- (d) Procedures to be followed during periods of startup, shutdown, and malfunction of any MWC unit.
- (e) Procedures for maintaining a proper level of combustion air supply.
- (f) Procedures for operating MWC unit(s) in compliance with the requirements contained in 40 CFR 60, Subpart BBBBB.
- (g) Procedures for responding to periodic upset or off-specification conditions.
- (h) Procedures for minimizing carryover of particulate matter.
- (i) Procedures for handling ash.
- (j) Procedures for monitoring emissions from MWC unit(s).
- (k) Procedures for recordkeeping and reporting.

**Condition 38: Location for keeping the plant specific operating manual
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.1670, Subpart BBBBB

Item 38.1:

This Condition applies to Emission Unit: 1-INCIN

Item 38.2:

The operating manual must be kept in an easily accessible location at the plant. It must be available for review or inspection by all employees who are required to undergo plant-specific training, and by the Department upon request.

**Condition 39: Operator Certification for Chief Facility Operator and
Shift Supervisor - Class II MWC Units
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.1675, Subpart BBBBB

Item 39.1:

This Condition applies to Emission Unit: 1-INCIN

Item 39.2:

(a) Each chief facility operator and shift supervisor must obtain and keep a current provisional operator certification from the American Society of Mechanical Engineers (QRO-1-1994).

(b) Each chief facility operator and shift supervisor must obtain a provisional certification by the later of :

(1) November 12, 2004.

(2) Six months after any MWC unit begins start-up following modification to comply with the requirements of 40 CFR 60, Subpart BBBB..

(3) Six months after they transfer to any MWC unit or 6 months after they are hired to work at any MWC unit.

(c) Each chief facility operator and shift supervisor must obtain a full certification from the American Society of Mechanical Engineers or schedule a full certification exam with the American Society of Mechanical Engineers (QRO-1-1994) by the later of:

(1) November 12, 2004.

(2) Six months after any MWC unit begins start-up following modification to comply with the requirements of 40 CFR 60, Subpart BBBB.

(3) Six months after they transfer to any MWC unit or 6 months after they are hired to work at any MWC unit.

**Condition 40: Employees that may operate MWC units.
Effective for entire length of Permit**

Applicable Federal Requirement:40CFR 60.1680, Subpart BBBB

Item 40.1:

This Condition applies to Emission Unit: 1-INCIN

Item 40.2:

Following the required date provided in 40 CFR 60.1675 for full or provisional operator certification, Permittee must not operate any MWC unit unless one of the following four employees is on duty:

(1) A fully certified chief facility operator.

(2) A provisionally certified chief facility operator who is scheduled to take the full certification exam.

(3) A fully certified shift supervisor.

(4) A provisionally certified shift supervisor who is scheduled to take the full

certification

exam.

**Condition 41: Operation of MWC Unit when Certified Operator is
Temporarily Off-Site
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.1685, Subpart BBBB

Item 41.1:

This Condition applies to Emission Unit: 1-INCIN

Item 41.2:

If the certified chief facility operator and certified shift supervisor are both unavailable, a provisionally certified control room operator may fulfill the certified operator requirement.

Depending on the length of time that a certified chief facility operator and certified shift supervisor are away, you must meet one of three criteria:

(a) When the certified chief facility operator and certified shift supervisor are both offsite for 12 hours or less and no other certified operator is onsite, the provisionally certified control room operator may perform those duties without notice to, or approval by, the Department.

(b) When the certified chief facility operator and certified shift supervisor are offsite for more than 12 hours, but for 2 weeks or less, and no other certified operator is onsite, the provisionally certified control room operator may perform those duties without notice to, or approval by, the Department. However, you must record the periods when the certified chief facility operator and certified shift supervisor are offsite and include the information in the annual report as specified under 40 CFR 60.1885(l).

(c) When the certified chief facility operator and certified shift supervisor are offsite for more than 2 weeks, and no other certified operator is onsite, the provisionally certified control room operator may perform those duties without approval by the Department. However, you must take two actions:

(1) Notify the Department in writing. In the notice, state what caused the absence and what you are doing to ensure that a certified chief facility operator or certified

shift supervisor is onsite.

(2) Submit a status report and corrective action summary to the Department every 4 weeks following the initial notification. If the Department notifies you that your status report or corrective action summary is disapproved, your MWC unit(s) 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, your MWC unit(s) operation may continue.

**Condition 42: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.1690, Subpart BBBB

Item 42.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

MWC Operating Practices Requirements for Unit Load Level and Activated Carbon Feed Rate:

(a) Permittee must not operate any MWC unit at a load greater than 110 percent of the maximum demonstrated load of the MWC unit (4-hour block average), as specified under "Definitions" (40 CFR 60.1940).

(b) MWC unit(s) using activated carbon to control dioxins/furans or mercury emissions, must maintain an 8-hour block average carbon feed rate at or above the highest average level established during the most recent dioxins/furans or mercury test.

(c) MWC unit(s) using activated carbon to control dioxins/furans or mercury emissions, must evaluate total carbon usage for each carbon delivery period*. Each carbon purchase and delivery to the MWC plant must be in an amount at or above the required usage of carbon for the preceding carbon delivery period. Permittee may choose to evaluate the required carbon usage for each carbon delivery period on a MWC unit basis for each individual MWC unit at the plant. The required usage of carbon for

each carbon delivery period shall be calculated using equation 4 or 5 in 40 CFR 60.1935(f), except that required usage shall be calculated on a carbon delivery period basis rather than a calendar quarter basis.

*For the purposes of this requirement, "carbon delivery period" shall be the period between carbon deliveries to the MWC plant.

(d) All MWC units are exempt from limits on load level, and carbon feed rate during any of the following five situations:

- (1) During annual tests for dioxins/furans.
- (2) During annual mercury tests (for carbon feed rate requirements only).
- (3) During the 2 weeks preceding annual tests for dioxins/furans.
- (4) During the 2 weeks preceding annual mercury tests (for carbon feed rate requirements only).
- (5) Whenever the Department authorizes the Permittee to do any of the following five activities:
 - (i) Evaluate system performance.
 - (ii) Test new technology or control technologies.
 - (iii) Perform diagnostic testing.
 - (iv) Perform other activities to improve the performance of your municipal waste combustion unit(s).
 - (v) Perform other activities to advance the state of the art for emission controls for your municipal waste combustion unit(s).

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 43: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.1690, Subpart BBBB

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 43.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

MWC Operating Practices Requirements for particulate matter control device.

(a) Permittee must not operate any municipal waste combustion unit such that the temperature at the inlet of the particulate matter control device exceeds 17°C above the "maximum demonstrated temperature of the particulate matter control device", as specified under §60.1940.

(b) All MWC units are exempt from limits on the temperature at the inlet of the particulate matter control device during any of the following five situations:

(1) During annual tests for dioxins/furans.

(2) During annual mercury tests (for carbon feed rate requirements only).

(3) During the 2 weeks preceding annual tests for dioxins/furans.

(4) During the 2 weeks preceding annual mercury tests (for carbon feed rate requirements only).

(5) Whenever the Department authorizes the Permittee to do any of the following five activities:

(i) Evaluate system performance.

(ii) Test new technology or control technologies.

(iii) Perform diagnostic testing.

(iv) Perform other activities to improve the performance of your municipal waste combustion unit(s).

(v) Perform other activities to advance the state of the art for emission controls for your municipal waste combustion unit(s).

(c) Permittee must install, calibrate, maintain, and operate a device to continuously measure the temperature of the flue gas stream at the inlet of each particulate matter control device. Compliance is based on a 4-hour block arithmetic average.

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 17 deg C above maximum demonstrated
temperature of PM control as per
§60.1940

Monitoring Frequency: CONTINUOUS
Averaging Method: 4-HOUR BLOCK (ARITHMETIC AVERAGE)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 44: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.1695, Subpart BBBB

Item 44.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The operating requirements specified in 40CFR60.1690 shall apply at all times except during periods of MWC unit startup, shutdown, or malfunction. Each startup, shutdown or malfunction must not last for longer than 3 hours.

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

Condition 45: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.1705(a)(2), Subpart BBBB

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

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

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

Cadmium emission limit for Class II small MWC plants.

Cadmium emissions from each MWC unit shall not exceed 0.10 milligrams per dry standard cubic meter, corrected to 7% oxygen, based on a 3-run average. Initial compliance stack tests shall be conducted no later than November 8, 2004. Thereafter, annual stack tests shall be conducted no later than 13 months after the previous stack test. EPA Reference Method 29 provided in 40 CFR 60, Appendix A shall be used to demonstrate compliance. Compliance testing must be performed while the MWC unit is operating at full load. Reporting shall be done in accordance with 40 CFR 60.1860 through 60.1905, as applicable.

Parameter Monitored: CADMIUM

Upper Permit Limit: 0.10 milligrams 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: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 46: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.1705(a)(2), Subpart BBBB

Item 46.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Regulated Contaminant(s):

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

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Total dioxins/furans emission limit for Class II small MWC plants.

Total dioxins/furans emissions from each MWC unit shall not exceed 125 nanograms per dry standard cubic meter, corrected to 7% oxygen, based on a 3-run average. Initial compliance stack tests shall be conducted no later than November 8, 2004. Thereafter, annual stack tests shall be conducted no later than 13 months after the previous stack test. EPA Reference Method 23 provided in 40 CFR 60, Appendix A shall be used to demonstrate compliance. Compliance testing must be performed while the MWC unit is operating at full load. A minimum sampling time of 4 hours per test run is required. Reporting shall be done in accordance with 40 CFR 60.1860 through 60.1905, as

applicable.

Parameter Monitored: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN
 Upper Permit Limit: 125 nanograms per dry standard cubic
 meter (corrected to 7% O₂)
 Reference Test Method: EPA Ref. Method 23
 Monitoring Frequency: ANNUALLY
 Averaging Method: ARITHMETIC MEAN
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 Subsequent reports are due every 6 calendar month(s).

**Condition 47: Compliance Certification
 Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.1705(a)(2), Subpart BBBB

Item 47.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

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

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Hydrogen chloride emission limit for Class II small MWC plants.

Hydrogen chloride emissions from each MWC unit shall meet the less stringent of 250 parts per million by volume, dry corrected to 7% oxygen, or the percent reduction by weight or volume hydrogen chloride emission limit provided in this permit, based on a 3-run average. Initial compliance stack tests shall be conducted no later than November 8, 2004. Thereafter, annual stack tests shall be conducted no later than 13 months after the previous stack test. EPA Reference Method 26 or 26A provided in 40 CFR 60, Appendix A shall be used to demonstrate compliance. Compliance testing must be performed while the MWC unit is operating at full load. A minimum sampling time of 1 hour per test run is required. Reporting shall be done in accordance with 40 CFR 60.1860 through 60.1905, as applicable.

Parameter Monitored: HYDROGEN CHLORIDE
 Upper Permit Limit: 250 parts per million by volume
 (dry, corrected to 7% O₂)
 Reference Test Method: EPA Method 26/26A
 Monitoring Frequency: ANNUALLY
 Averaging Method: ARITHMETIC MEAN

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

Condition 48: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.1705(a)(2), Subpart BBBBB

Item 48.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

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

Item 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Hydrogen chloride emission limit for Class II small MWC plants.

Hydrogen chloride emissions from each MWC unit shall meet the less stringent of 50 percent reduction by weight or volume, dry corrected to 7% oxygen, or the concentration based hydrogen chloride emission limit provided in this permit, based on a 3-run average. Initial compliance stack tests shall be conducted no later than November 8, 2004. Thereafter, annual stack tests shall be conducted no later than 13 months after the previous stack test. EPA Reference Method 26 or 26A provided in 40 CFR 60, Appendix A shall be used to demonstrate compliance. Compliance testing must be performed while the MWC unit is operating at full load. A minimum sampling time of 1 hour per test run is required. Reporting shall be done in accordance with 40 CFR 60.1860 through 60.1905, as applicable.

Parameter Monitored: HYDROGEN CHLORIDE

Lower Permit Limit: 50 percent reduction by weight or volume (corrected to 7% O₂, dry basis)

Reference Test Method: EPA Method 26/26A

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 49: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.1705(a)(2), Subpart BBBB**Item 49.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Regulated Contaminant(s):

CAS No: 007439-92-1 LEAD

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Lead emission limit for Class II small MWC plants.

Lead emissions from each MWC unit shall not exceed 1.60 milligrams per dry standard cubic meter, corrected to 7% oxygen, based on a 3-run average. Initial compliance stack tests shall be conducted no later than November 8, 2004. Thereafter, annual stack tests shall be conducted no later than 13 months after the previous stack test. EPA Reference Method 29 provided in 40 CFR 60, Appendix A shall be used to demonstrate compliance. Compliance testing must be performed while the MWC unit is operating at full load. Reporting shall be done in accordance with 40 CFR 60.1860 through 60.1905, as applicable.

Parameter Monitored: LEAD

Upper Permit Limit: 1.60 milligrams 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: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 50: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement:40CFR 60.1705(a)(2), Subpart BBBB**Item 50.1:**

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Regulated Contaminant(s):

CAS No: 007439-97-6 MERCURY

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Mercury emission limit for Class II small MWC plants.

Mercury emissions from each MWC unit shall meet the less stringent of 0.080 milligrams per dry standard cubic meter, corrected to 7% oxygen, or the percent reduction by weight mercury emission limit provided in this permit, based on a 3-run average. Initial compliance stack tests shall be conducted no later than November 8, 2004.

Thereafter, annual stack tests shall be conducted no later than 13 months after the previous stack test. EPA Reference Method 29 provided in 40 CFR 60, Appendix A shall be used to demonstrate compliance. Compliance testing must be performed while the MWC unit is operating at full load. Reporting shall be done in accordance with 40 CFR 60.1860 through 60.1905, as applicable.

Manufacturer Name/Model Number:

Parameter Monitored: MERCURY

Upper Permit Limit: 0.080 milligrams 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: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 51: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.1705(a)(2), Subpart BBBBB

Item 51.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Regulated Contaminant(s):

CAS No: 007439-97-6 MERCURY

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Mercury emission limit for Class II small MWC plants.

Mercury emissions from each MWC unit shall meet the less stringent of 85 percent reduction by weight, dry corrected

to 7% oxygen, or the concentration based mercury emission limit provided in this permit, based on a 3-run average. Initial compliance stack tests shall be conducted no later than November 8, 2004. Thereafter, annual stack tests shall be conducted no later than 13 months after the previous stack test. EPA Reference Method 29 provided in 40 CFR 60, Appendix A shall be used to demonstrate compliance. Compliance testing must be performed while the MWC unit is operating at full load. Reporting shall be done in accordance with 40 CFR 60.1860 through 60.1905, as applicable.

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: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 52: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.1705(a)(2), Subpart BBBB

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Regulated Contaminant(s):
CAS No: 068131-74-8 ASHES (RESIDUES)

Item 52.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Fugitive ash emission limit for Class II small MWC plants.

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. three 1-hour observation periods), as determined by EPA Reference Method 22 observations. The three 1-hour observation period must include periods when the facility transfer fugitive ash from the MWC unit to the area where the fugitive ash is stored or loaded into containers or trucks. Initial compliance visible emission tests shall be conducted no later than November 8, 2004. Thereafter, annual visible

emission tests shall be conducted no later than 13 months after the previous emission test. Reporting shall be done in accordance with 40 CFR 60.1860 through 60.1905, as applicable.

Parameter Monitored: OPACITY
Upper Permit Limit: 5 percent
Reference Test Method: EPA Ref. Method 22
Monitoring Frequency: ANNUALLY
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 53: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.1705(a)(2), Subpart BBBB

Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

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

Item 53.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity emission limit for Class II small MWC plants.

Opacity emissions from each MWC unit shall not exceed 10 percent based on a 3 hour observation period (thirty 6-minute averages). Initial compliance stack tests shall be conducted no later than November 8, 2004. Thereafter, annual stack tests shall be conducted no later than 13 months after the previous stack test. EPA Reference Method 9 provided in 40 CFR 60, Appendix A shall be used to demonstrate compliance. Compliance testing must be performed while the MWC unit is operating at full load. Reporting shall be done in accordance with 40 CFR 60.1860 through 60.1905, as applicable.

Parameter Monitored: OPACITY
Upper Permit Limit: 10 percent
Reference Test Method: EPA Ref. Method 9
Monitoring Frequency: ANNUALLY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.

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

Condition 54: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.1705(a)(2), Subpart BBBB

Item 54.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

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

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate matter emission limit for Class II small MWC plants.

Particulate matter emissions from each MWC unit shall not exceed 70 milligrams per dry standard cubic meter, corrected to 7% oxygen, based on a 3-run average. Initial compliance stack tests shall be conducted no later than November 8, 2004. Thereafter, annual stack tests shall be conducted no later than 13 months after the previous stack test. EPA Reference Method 5 or 29 provided in 40 CFR 60, Appendix A shall be used to demonstrate compliance. Compliance testing must be performed while the MWC unit is operating at full load. The minimum sample volume must be 1.0 cubic meters. The probe and filter holder heating systems in the sample train must be set to provide a gas temperature no greater than 160 +/- 14 degrees C. The minimum sampling time is 1 hour. Reporting shall be done in accordance with 40 CFR 60.1860 through 60.1905, as applicable.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 70 milligrams per dry standard cubic meter (corrected to 7% oxygen)

Reference Test Method: EPA Meth 5 or 29

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 55: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.1705(a)(2), Subpart BBBB

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Sulfur dioxide emission limit for Class II small MWC plants.

Sulfur dioxide emissions from each MWC unit shall meet the less stringent of 77 parts per million by volume, dry corrected to 7% oxygen, or the percent reduction by weight or volume sulfur dioxide emission limit provided in this permit. Initial compliance tests shall be conducted no later than November 8, 2004. Thereafter, compliance is based on a 24-hour daily block (geometric average) using a sulfur dioxide continuous emission monitoring system.

Reporting shall be done in accordance with 40 CFR 60.1860 through 60.1905, as applicable.

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 77 parts per million by volume (dry, corrected to 7% O₂)

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY BLOCK (GEOMETRIC AVERAGE)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 56: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.1705(a)(2), Subpart BBBBB

Item 56.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Sulfur dioxide emission limit for Class II small MWC plants.

Sulfur dioxide emissions from each MWC unit shall meet the less stringent of 50 percent reduction by weight or volume, dry corrected to 7% oxygen, or the concentration based sulfur dioxide emission limit provided in this permit. Initial compliance tests shall be conducted no later than November 8, 2004. Thereafter, compliance is based on a 24-hour daily block (geometric average) using a sulfur dioxide continuous emission monitoring system. Reporting shall be done in accordance with 40 CFR 60.1860 through 60.1905, as applicable.

Parameter Monitored: SULFUR DIOXIDE

Lower Permit Limit: 50 percent reduction by weight or volume (corrected to 7% O₂, dry basis)

Monitoring Frequency: CONTINUOUS

Averaging Method: 24 HOUR DAILY BLOCK (GEOMETRIC AVERAGE)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 57: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.1705(a)(3), Subpart BBBBB

Item 57.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 57.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Carbon monoxide emission limit for modular starved air Class II small MWC plants.

Carbon monoxide emissions from each MWC unit shall not exceed 50 parts per million by volume, dry corrected to 7% oxygen. Initial compliance shall be conducted no later than November 8, 2004. Thereafter, compliance is based on a 4 hour block average (arithmetic mean) using a carbon monoxide continuous emission monitoring system. Reporting shall be done in accordance with 40 CFR 60.1860 through

60.1905, as applicable.

Parameter Monitored: CARBON MONOXIDE

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

Monitoring Frequency: CONTINUOUS

Averaging Method: 4 HOUR BLOCK AVERAGE (ARITHMETIC
MEAN)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 58: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.1710, Subpart BBBB

Item 58.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Start-up, shutdown and malfunction emission
limits:

(a) The emission limits in this permit apply at all times
except during periods of municipal waste combustion unit
startup, shutdown, or malfunction.

(b) Each startup, shutdown, or malfunction must not last
for longer than 3 hours.

(c) A maximum of 3 hours of test data can be dismissed
from compliance calculations during periods of startup,
shutdown, or malfunction.

(d) During startup, shutdown, or malfunction periods
longer than 3 hours, emissions data cannot be discarded
from compliance calculations and all provisions under 40
CFR 60.11(d) apply.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 59: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.1720, Subpart BBBB

Item 59.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 59.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Continuous emission monitoring systems for gaseous pollutants:

(a) Permittee must install, calibrate, maintain, and operate continuous emission monitoring systems for oxygen (or carbon dioxide), sulfur dioxide, and carbon monoxide. Continuous emission monitoring systems for sulfur dioxide and oxygen (or carbon dioxide) must be installed at the outlet of the air pollution control device. In accordance with 40 CFR 60.1725, data from the continuous emission monitoring systems for sulfur dioxide and carbon monoxide shall be used to demonstrate compliance with the applicable emission limits specified in this permit.

(b) Permittee must install, evaluate, and operate each continuous emission monitoring system according to the "Monitoring Requirements" in 40 CFR 60.13.

(c) Permittee must monitor the oxygen (or carbon dioxide) concentration at each location where sulfur dioxide and carbon monoxide are monitored.

(d) Permittee may choose to monitor carbon dioxide instead of oxygen as a diluent gas. If Permittee chooses to monitor carbon dioxide, then an oxygen monitor is not required. If carbon dioxide is chosen as the diluent gas, permittee must establish the relationship between oxygen and carbon dioxide during the initial evaluation of the continuous emission monitoring systems. Permittee may reestablish the relationship during annual evaluations. To establish the relationship the following three procedures shall be used:

(1) Use EPA Reference Method 3A or 3B in Appendix A of Part 60 to determine oxygen concentration at the location of your carbon dioxide monitor.

(2) Conduct at least three test runs for oxygen. Make sure each test run represents a 1-hour average and that sampling continues for at least 30 minutes in each hour.

(3) Use the fuel-factor equation in EPA Reference Method

3B in Appendix A of Part 60 to determine the relationship between oxygen and carbon dioxide.

(e) If Permittee chooses to demonstrate compliance by monitoring the percent reduction of sulfur dioxide, continuous emission monitoring systems for sulfur dioxide and oxygen (or carbon dioxide) must be installed at the inlet of the air pollution control device.

(f) If Permittee prefers to use an alternative sulfur dioxide monitoring method, such as parametric monitoring, or cannot monitor emissions at the inlet of the air pollution control device to determine percent reduction, Permittee can apply to the Department for approval to use an alternative monitoring method under 40 CFR 60.13(i).

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

Condition 60: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.1730, Subpart BBBB

Item 60.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Continuous emission monitoring systems operation / evaluation requirements:

(a) Permittee shall conduct initial, daily, quarterly, and annual evaluations of continuous emission monitoring systems that measure oxygen (or carbon dioxide), sulfur dioxide, and carbon monoxide.

(b) Complete initial evaluation of the continuous emission monitoring systems within 180 days after the final compliance date required by 6 NYCRR Subpart 219-8.

(c) For initial and annual evaluations, collect data concurrently (or within 30 to 60 minutes) using oxygen (or carbon dioxide), sulfur dioxide, or carbon monoxide continuous emission monitoring systems, as appropriate, and the appropriate test methods specified in Table 6 of 40 CFR 60, Subpart BBBB. Permittee shall collect the data during each initial and annual evaluation of the continuous emission monitoring systems following the

applicable performance specifications outlined in Table 7 of 40 CFR 60, Subpart BBBB.

(d) Permittee shall follow the quality assurance procedures in Procedure 1 of Appendix F of 40 CFR 60 for each continuous emission monitoring system. The procedures include daily calibration drift and quarterly accuracy determinations.

(e) In accordance with 40CFR 60.1735, oxygen (or carbon dioxide) continuous emission monitoring systems are exempt from the following two requirements:

(1) Section 2.3 of Performance Specification 3 (relative accuracy requirement) in appendix B of 40 CFR Part 60.

(2) Section 5.1.1 of appendix F (relative accuracy test audit) of 40 CFR Part 60.

(f) In accordance with 40CFR 60.1740, permittee shall conduct annual evaluations of continuous emission monitoring systems no more than 13 months after the previous evaluation was conducted.

(g) In accordance with 40CFR 60.1765, permittee shall use the required span values and applicable performance specifications in Table 7 of 40 CFR 60 Subpart BBBB.

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

Condition 61: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.1750, Subpart BBBB

Item 61.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 61.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Continuous emission monitoring systems data collection requirements:

(a) Where continuous emission monitoring systems are required, Permittee shall obtain 1- hour arithmetic averages. The averages for all measured pollutants must be in parts per million by dry volume at 7 percent oxygen (or

the equivalent carbon dioxide level). The 1- hour averages of oxygen (or carbon dioxide) data from the continuous emission monitoring system shall be used to determine the actual oxygen (or carbon dioxide) level and to calculate emissions at 7 percent oxygen (or the equivalent carbon dioxide level).

(b) Permittee shall obtain at least two data points per hour in order to calculate a valid 1- hour arithmetic average. In accordance with 40 CFR 60.13(e)(2) , the continuous emission monitoring systems must complete at least one cycle of operation (sampling, analyzing, and data recording) for each 15-minute period.

(c) Permittee shall obtain valid 1-hour averages for 75 percent of the operating hours per day for 90 percent of the operating days per calendar quarter. An operating day is any day the unit combusts any municipal solid waste.

(d) If Permittee does not obtain the minimum data required in paragraphs (a) through (c) of this condition, Permittee is in violation of the data collection requirement regardless of the emission level monitored, and must notify the Department according to 40 CFR 60.1885(e).

(e) If Permittee does not obtain the minimum data required in paragraphs (a) through (c) of this section, you must still use all valid data from the continuous emission monitoring systems in calculating emission concentrations and percent reductions in accordance with 40 CFR 60.1755.

(f) In accordance with 40CFR60.1770, permittee shall refer to Table 7 of 40 CFR 60, Subpart BBBB for alternate methods to be used for collecting data when systems malfunction or when repairs, calibration checks, or zero and span checks keep you from collecting the minimum amount of data.

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

Condition 62: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.1755, Subpart BBBB

Item 62.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 62.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee shall follow the following procedure for conversion of 1 hr. arithmetic averages into appropriate averaging time and units:

- (a) Use the equation in 40CFR 60.1935(a) to calculate emissions at 7 percent oxygen.
- (b) Use EPA Reference Method 19 in appendix A of Part 60, section 4.3, to calculate the daily geometric average concentrations of sulfur dioxide emissions. If you are monitoring the percent reduction of sulfur dioxide, use EPA Reference Method 19 in appendix A of Part 60, section 5.4, to determine the daily geometric average percent reduction of potential sulfur dioxide emissions.
- (c) Use EPA Reference Method 19 in appendix A of Part 60, section 4.1, to calculate the 4-hour or 24-hour daily block averages (as applicable) for concentrations of carbon monoxide.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 63: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.1760, Subpart BBBB

Item 63.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Continuous opacity monitoring system requirements:

- (a) Permittee shall install, calibrate, maintain, and operate a continuous opacity monitoring system.
- (b) Install, evaluate, and operate each continuous opacity monitoring system according to 40 CFR 60.13.
- (c) Complete an initial evaluation of the continuous opacity monitoring system according to Performance

Specification 1 in Appendix B of 40 CFR 60, and complete the evaluation by 180 days after the final compliance date required by 6 NYCRR Subpart 219-8.

(d) Complete each annual evaluation of the continuous opacity monitoring system no more than 13 months after the previous evaluation.

(e) Use tests conducted according to EPA Reference Method 9 in Appendix A of 40 CFR 60, as specified in 40 CFR 60.1790, to determine compliance with the opacity limit in this permit. The data obtained from the continuous opacity monitoring system shall not be used to determine compliance with the opacity limit.

(f) In accordance with 40 CFR 60.1765, Permittee shall use the required span values and applicable performance specifications in Table 7 of 40 CFR 60, Subpart BBBBB.

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

Condition 64: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.1775, Subpart BBBBB

Item 64.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Permittee shall comply with the following Stack testing requirements in accordance with 40CFR 60.1775, 60.1780, 60.1785, 60.1790 and 60.1800:

(a) Permittee shall conduct initial and annual stack tests to measure the emission levels of dioxins/furans, cadmium, lead, mercury, particulate matter, opacity, hydrogen chloride, and fugitive ash to demonstrate compliance with the applicable emission limits specified in this permit. Initial stack tests for these pollutants shall be conducted no later than November 8, 2004. Annual stack test shall be conducted no later than 13 months after the previous stack test. You may not deviate from the 13-month testing schedule unless you apply to the Department for an alternative schedule, and the Department approves your request for alternate scheduling prior to

the date on which you would otherwise have been required to conduct the next stack test.

(b) Permittee shall follow Table 8 of 40 CFR 60, Subpart BBBB to establish the sampling location and to determine pollutant concentrations, number of traverse points, individual test methods, and other specific testing requirements for the different pollutants.

(c) Stack tests for all the pollutants shall consist of at least three test runs, as specified in 40 CFR 60.8. The average of the pollutant emission concentrations from the three test runs shall be used to determine compliance with the applicable emission limits in this permit.

(d) Permittee shall obtain an oxygen (or carbon dioxide) measurement during the stack tests to determine diluent gas levels, as specified in 40 CFR 60.1720.

(e) The equations in 40 CFR 60.1935(a) shall be used to calculate emission levels at 7 percent oxygen (or an equivalent carbon dioxide basis), the percent reduction in potential hydrogen chloride emissions, and the reduction efficiency for mercury emissions. Permittee shall refer to the individual test methods in Table 6 of 40 CFR 60, Subpart BBBB for other required equations.

(f) Permittee may apply to the Department for approval under 40 CFR 60.8(b) to use a reference method with minor changes in methodology, use an equivalent method, use an alternative method the results of which the department has determined are adequate for demonstrating compliance, waive the requirement for a performance test because Permittee has demonstrated compliance by other means, or use a shorter sampling time or smaller sampling volume.

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

Condition 65: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.1795(a), Subpart BBBB

Item 65.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Alternative stack testing schedule for dioxin/furans, cadmium, lead, mercury, particulate matter, opacity, hydrogen chloride, and fugitive ash at Class II small MWC units:

Permittee may, at a Class II small MWC plant, test less often for dioxins/furans, cadmium, lead, mercury, particulate matter, opacity, hydrogen chloride, and fugitive ash if all stack tests for the given pollutant over 3 consecutive years show compliance with the applicable emission limit. If 3 consecutive years of compliance are shown for a given pollutant, Permittee is not required to conduct a stack test for that pollutant for the next 2 years. However, Permittee must conduct another stack test within 36 months of the anniversary date of the third consecutive stack test that shows Permittee complies with the emission limit. Thereafter, Permittee must perform stack tests every 3rd year but no later than 36 months following the previous stack tests. If a stack test for a given pollutant shows noncompliance with the applicable emission limit, Permittee must conduct annual stack tests for the given pollutant until all stack tests over 3 consecutive years show compliance with the emission limit for the pollutant.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 66: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement:40CFR 60.1795(b), Subpart BBBB

Item 66.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Regulated Contaminant(s):

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

Item 66.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Alternative dioxins/furans emissions stack testing at Class II small MWC plants:

(a) Permittee may test less often for dioxins/furans emissions if all municipal waste combustion units have demonstrated levels of dioxins/furans emissions (less than

or equal to the limit specified in this condition), for 2 consecutive years. In this case, Permittee may choose to conduct annual stack tests on only one municipal waste combustion unit per year. This provision only applies to stack testing for dioxins/furans emissions.

(b) Permittee shall conduct the annual stack test no more than 13 months following a stack test on any municipal waste combustion unit. A minimum sampling time of 4 hours per test run is required. Compliance shall be based on a 3-run average. Each year, Permittee shall test a different municipal waste combustion unit and shall test all municipal waste combustion units in a sequence that Permittee determines. Once Permittee determines a testing sequence, it must not be changed without approval by the Department. In accordance with 40 CFR 60.1800, Permittee may not deviate from the 13-month testing schedule unless Permittee applies to the Department for an alternative schedule, and the Department approves Permittee's request for alternate scheduling prior to the date on which Permittee would otherwise have been required to conduct the next stack test.

(c) If each annual stack test shows levels of dioxins/furans emissions less than or equal to the limit specified in this condition, Permittee may continue stack tests on only one municipal waste combustion unit per year.

(d) If any annual stack test indicates levels of dioxins/furans emissions greater than the limit specified in this condition, Permittee shall conduct subsequent annual stack tests on all municipal waste combustion units. Permittee may return to testing one municipal waste combustion unit per year if Permittee can demonstrate dioxins/furans emissions levels less than or equal to the limit specified in this condition, for all municipal waste combustion units for 2 consecutive years.

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

Reference Test Method: EPA Ref. Method 23

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 67: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.1805, Subpart BBBB

Item 67.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 67.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permittee shall comply with the following MWC load level, temperature and carbon feed rate monitoring requirements in accordance with 40 CFR 60.1805, 60.1810, 60.1815, 60.1820 and 60.1825:

(a) Permittee must monitor the load level of each municipal waste combustion unit. For each municipal waste combustion unit that generates steam, Permittee must install, calibrate, maintain, and operate a steam flow meter or a feed water flow meter and meet the following five requirements:

(1) Continuously measure and record the measurements of steam (or feed water) in kilograms (or pounds) per hour.

(2) Calculate steam (or feed water) flow in 4-hour block averages.

(3) The steam flow meter or feed water flow meter used must be acceptable to the Department.

(4) Before each dioxins/furans stack test, or at least once a year, calibrate all signal conversion elements associated with steam (or feed water) flow measurements according to the manufacturer instructions.

(b) If Permittee's municipal waste combustion units do not generate steam, or, if Permittee's municipal waste combustion units have shared steam systems and steam load cannot be estimated per unit, Permittee must determine, to the satisfaction of the Department, one or more operating parameters that can be used to continuously estimate load level (for example, the feed rate of municipal solid waste). Permittee must continuously monitor the selected parameters.

(c) Permittee must install, calibrate, maintain, and operate a device to continuously measure the temperature of the flue gas stream at the inlet of each particulate matter control device.

(d) For each municipal waste combustion unit that uses activated carbon to control dioxins/furans or mercury emissions, Permittee must meet the following three requirements:

(1) Select a carbon injection system operating parameter that can be used to calculate carbon feed rate (for example, screw feeder speed).

(2) During each dioxins/furans and mercury stack test, determine the average carbon feed rate in kilograms (or pounds) per hour. Also, determine the average operating parameter level that correlates to the carbon feed rate and establish a relationship between the operating parameter and the carbon feed rate in order to calculate the carbon feed rate based on the operating parameter level.

(3) Continuously monitor the selected operating parameter during all periods when the municipal waste combustion unit is operating and combusting waste and calculate the 8-hour block average carbon feed rate in kilograms (or pounds) per hour, based on the selected operating parameter. When calculating the 8-hour block average, Permittee must do two things:

(i) Exclude hours when the municipal waste combustion unit is not operating.

(ii) Include hours when the municipal waste combustion unit is operating but the carbon feed system is not working correctly.

(e) Where continuous parameter monitoring systems are used, Permittee must obtain 1-hour arithmetic averages for the following three parameters:

(1) Load level of the municipal waste combustion unit.

(2) Temperature of the flue gases at the inlet of the particulate matter control device.

(3) Carbon feed rate if activated carbon is used to control dioxins/furans or mercury emissions.

(f) Permittee must obtain at least two data points per hour in order to calculate a valid 1-hour arithmetic average.

(g) Permittee must obtain valid 1-hour averages for at least 75 percent of the operating hours per day for 90 percent of the operating days per calendar quarter. An operating day is any day the unit combusts any municipal solid waste.

(h) If Permittee fails to obtain the minimum data required in paragraphs (e) through (g) of this condition, Permittee is in violation of the data collection requirement, and must notify the Department.

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

Condition 68: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.1830, Subpart BBBB

Item 68.1:
The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 68.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Permittee must keep four types of records:

- (a) Operator training and certification.
- (b) Stack tests.
- (c) Continuously monitored pollutants and parameters.
- (d) Carbon feed rate.

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

Condition 69: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.1835, Subpart BBBB

Item 69.1:
The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 69.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Permittee shall:

- (a) Keep all records onsite in paper copy or electronic format unless the Department approves another format.
- (b) Keep all records on each municipal waste combustion unit for at least 5 years.
- (c) Make all records available for submittal to the Department, or for onsite review by a Department representative.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 70: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.1840, Subpart BBBBB

Item 70.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 70.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permittee shall keep the following six records for operator training and certification:

- (a) Records of provisional certifications. Include three items:
 - (1) For your municipal waste combustion plant, names of the chief facility operator, shift supervisors, and control room operators who are provisionally certified by the American Society of mechanical Engineers or an equivalent State-approved certification program.
 - (2) Dates of the initial provisional certifications.
 - (3) Documentation showing current provisional certifications.
- (b) Records of full certifications. Include three items:
 - (1) For your municipal waste combustion plant, names of the chief facility operator, shift supervisors, and control room operators who are fully certified by the American Society of Mechanical Engineers or an equivalent State-approved certification program.

- (2) Dates of initial and renewal full certifications.
- (3) Documentation showing current full certifications.
- (c) Records showing completion of the operator training course. Include three items:
 - (1) For your municipal waste combustion plant, names of the chief facility operator, shift supervisors, and control room operators who have completed the EPA or State municipal waste combustion operator training course.
 - (2) Dates of completion of the operator training course.
 - (3) Documentation showing completion of operator training course.
- (d) Records of reviews for plant-specific operating manuals. Include three items:
 - (1) Names of persons who have reviewed the operating manual.
 - (2) Date of the initial review.
 - (3) Dates of subsequent annual reviews.
- (e) Records of when a certified operator is temporarily offsite. Include two main items:
 - (1) If the certified chief facility operator and certified shift supervisor are offsite for more than 12 hours, but for 2 weeks or less, and no other certified operator is onsite, record the dates that the certified chief facility operator and certified shift supervisor were offsite.
 - (2) When all certified chief facility operators and certified shift supervisors are offsite for more than 2 weeks and no other certified operator is onsite, keep records of four items:
 - (i) Your notice that all certified persons are offsite.
 - (ii) The conditions that cause those people to be offsite.
 - (iii) The corrective actions you are taking to ensure a certified chief facility operator or certified shift

supervisor is onsite.

(iv) Copies of the written reports submitted every 4 weeks that summarize the actions taken to ensure that a certified chief facility operator or certified shift supervisor will be onsite.

(f) Records of calendar dates. Include the calendar date on each record.

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

Condition 71: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.1845, Subpart BBBB

Item 71.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 71.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permittee shall keep the following four records for stack tests required under 40 CFR 60.1775:

(a) The results of the stack tests for the following eight pollutants or parameters recorded in the appropriate units of measure specified in Table 2 or 4 of 40 CFR 60, Subpart BBBB:

(1) Dioxins/furans.

(2) Cadmium.

(3) Lead.

(4) Mercury.

(5) Opacity.

(6) Particulate matter.

(7) Hydrogen chloride.

(8) Fugitive ash.

(b) Test reports including supporting calculations that document the results of all stack tests.

(c) The maximum demonstrated load of your municipal waste combustion units and maximum temperature at the inlet of your particulate matter control device during all stack tests for dioxins/furans emissions.

(d) The calendar date of each record.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 72: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.1850, Subpart BBBB

Item 72.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 72.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permittee shall keep the following eight records for continuously monitored pollutants or parameters:

(a) Records of monitoring data including:

(1) All 6-minute average levels of opacity.

(2) All 1-hour average concentrations of sulfur dioxide emissions.

(3) All 1-hour average concentrations of carbon monoxide emissions.

(4) All 1-hour average load levels of your municipal waste combustion unit.

(5) All 1-hour average flue gas temperatures at the inlet of the particulate matter control device.

(b) Records of average concentrations and percent reductions including:

(1) All 24-hour daily block geometric average concentrations of sulfur dioxide emissions or average percent reductions of sulfur dioxide emissions.

(2) All 4-hour block or 24-hour daily block arithmetic average concentrations of carbon monoxide

emissions.

(3) All 4-hour block arithmetic average load levels of your municipal waste combustion unit.

(4) All 4-hour block arithmetic average flue gas temperatures at the inlet of the particulate matter control device.

(c) Records of exceedances including the following three items:

(1) Calendar dates whenever any of the five pollutant or parameter levels recorded in paragraph (b) of this condition or the opacity level recorded in subparagraph (a)(1) of this condition did not meet the emission limits or operating levels specified in 40 CFR 60, Subpart BBBB.

(2) Reasons you exceeded the applicable emission limits or operating levels.

(3) Corrective actions you took, or are taking, to meet the emission limits or operating levels.

(d) Records of minimum data including the following three items:

(1) Calendar dates for which you did not collect the minimum amount of data required under 40 CFR 60.1750 and 60.1825. Record those dates for the following four types of pollutants and parameters:

(i) Sulfur dioxide emissions.

(ii) Carbon monoxide emissions.

(iii) Load levels of your municipal waste combustion unit.

(iv) Temperatures of the flue gases at the inlet of the particulate matter control device.

(2) Reasons you did not collect the minimum data.

(3) Corrective actions you took or are taking to obtain the required amount of data.

(e) Records of exclusions. Document each time you have excluded data from your calculation of averages for any of the following four pollutants or parameters and the reasons the data were excluded:

(1) Sulfur dioxide emissions.

- (2) Carbon monoxide emissions.
- (3) Load levels of your municipal waste combustion unit.
- (4) Temperatures of the flue gases at the inlet of the particulate matter control device.
- (f) Records of drift and accuracy. Document the results of your daily drift tests and quarterly accuracy determinations according to Procedure 1 of appendix F of 40 CFR Part 60. Keep those records for the sulfur dioxide and carbon monoxide continuous emissions monitoring systems.
- (g) Records of the relationship between oxygen and carbon dioxide. If you choose to monitor carbon dioxide instead of oxygen as a diluent gas, document the relationship between oxygen and carbon dioxide, as specified in 40 CFR 60.1745.
- (h) Records of calendar dates. Include the calendar date on each record.

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

Condition 73: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.1855, Subpart BBBB

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permittee shall keep the following five records for each municipal waste combustion unit that uses activated carbon to control dioxins/furans or mercury emissions:

(a) Records of average carbon feed rate. Document the following five items:

(1) Average carbon feed rate in kilograms (or pounds) per hour during all stack tests for dioxins/furans and mercury emissions. Include supporting calculations in the records.

(2) For the operating parameter chosen to monitor carbon feed rate, average operating level during all stack tests for dioxins/furans and mercury emissions. Include supporting data that document the relationship between the operating parameter and the carbon feed rate.

(3) All 8-hour block average carbon feed rates in kilograms (or pounds) per hour calculated from the monitored operating parameter.

(4) The amount of carbon for each purchase and delivery to the municipal waste combustion plant. If you choose to evaluate the amount of carbon for each purchase and delivery on a municipal waste combustion unit basis, record the amount of carbon for each purchase and delivery for each individual municipal waste combustion unit at your plant. Include supporting documentation.

(5) Required MWC plant carbon usage for each carbon delivery period*. If you choose to evaluate the required carbon usage for each carbon delivery period on a municipal waste combustion unit basis, record the required carbon usage for each carbon delivery period for each municipal waste combustion unit at your plant. The required usage of carbon for each carbon delivery period shall be calculated using equation 4 or 5 in 40 CFR 60.1935(f), except that required usage shall be calculated on a carbon delivery period basis rather than a calendar quarter basis. Include supporting calculations.

*For the purposes of this requirement, "carbon delivery period" shall be the period between carbon deliveries to the MWC plant.

(b) Records of low carbon feed rates. Document the following three items:

(1) The calendar dates when the average carbon feed rate over an 8-hour block was less than the average carbon feed rates determined during the most recent stack test for dioxins/furans or mercury emissions (whichever has a higher feed rate).

(2) Reasons for the low carbon feed rates.

(3) Corrective actions you took or are taking to meet the 8-hour average carbon feed rate requirement.

(c) Records of minimum carbon feed rate data. Document the following three items:

(1) Calendar dates for which you did not collect the minimum amount of carbon feed rate data required under 40 CFR 60.1825.

- (2) Reasons you did not collect the minimum data.
- (3) Corrective actions you took or are taking to get the required amount of data.
- (d) Records of exclusions. Document each time you have excluded data from your calculation of average carbon feed rates and the reasons the data were excluded.
- (e) Records of calendar dates. Include the calendar date on each record.

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

Condition 74: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.1860, Subpart BBBB

Item 74.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
 Monitoring Description:

Permittee shall submit the following reports, in the format as noted below:

- (a) Submit an initial report and annual reports, plus semiannual reports for any emission or parameter level that does not meet the limits specified in Subpart BBBB.
- (b) Submit all reports on paper, postmarked on or before the submittal dates in 40 CFR 60.1870, 60.1880, and 60.1895. If the Department agrees, permittee may submit electronic reports.
- (c) Keep a copy of all reports required by 40 CFR 60.1875, 60.1885 and 60.1900 onsite for 5 years.

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

Condition 75: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement:40CFR 60.1865, Subpart BBBB

Item 75.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 75.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permittee shall refer to Tables 2, 3, 4 and 5 of 40 CFR 60, Subpart BBBB for appropriate units of measurement for reporting emissions data.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 76: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement:40CFR 60.1880, Subpart BBBB

Item 76.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 76.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This facility is subject to Title V permitting and must report on monitoring data semi-annually.

Summaries of data listed in 40 CFR 60.1885 shall be reported semiannually in accordance with 6NYCRR 201-6.5(c)(3)(ii). The semiannual reports shall be submitted within 30 days after the end of the semiannual calendar period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 77: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement:40CFR 60.1885, Subpart BBBB

Item 77.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 77.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each semi-annual calendar period, the permittee shall summarize data collected for all pollutants and parameters regulated under 40 CFR 60, Subpart BBBB. The summary must include the following twelve items:

(a) The results of the annual stack test, using appropriate units, for the following eight pollutants or parameters, as recorded under 40 CFR 60.1845(a):

- (1) Dioxins/furans.
- (2) Cadmium.
- (3) Lead.
- (4) Mercury.
- (5) Opacity.
- (6) Particulate matter.
- (7) Hydrogen chloride.
- (8) Fugitive ash.

(b) A list of the highest average levels recorded, in the appropriate units. List those values for the following four pollutants or parameters:

- (1) Sulfur dioxide emissions.
- (2) Carbon monoxide emissions.
- (3) Load level of the municipal waste combustion unit.
- (4) Temperature of the flue gases at the inlet of the particulate matter air pollution control device (4-hour block average).

(c) The highest 6-minute opacity level measured. Base the value on all 6-minute average opacity levels recorded by your continuous opacity monitoring system (40 CFR 60.1850(a)(1)).

(d) For municipal waste combustion units that use activated carbon for controlling dioxins/furans or mercury emissions, include the following four records:

(1) The average carbon feed rates recorded during the most recent dioxins/furans and mercury stack tests.

(2) The lowest 8-hour block average carbon feed rate recorded during the year.

(3) The amount of carbon for each purchase and delivery to the municipal waste combustion plant. If you choose to evaluate the amount of carbon for each purchase and delivery on a municipal waste combustion unit basis, record the amount of carbon for each purchase and delivery for each individual municipal waste combustion unit at your plant.

(4) Required MWC plant carbon usage for each carbon delivery period*. If you choose to evaluate the required carbon usage for each carbon delivery period on a municipal waste combustion unit basis, record the required carbon usage for each carbon delivery period for each municipal waste combustion unit at your plant. The required usage of carbon for each carbon delivery period shall be calculated using equation 4 or 5 in 40 CFR 60.1935(f), except that required usage shall be calculated on a carbon delivery period basis rather than a calendar quarter basis.

*For the purposes of this requirement, "carbon delivery period" shall be the period between carbon deliveries to the MWC plant.

(e) The total number of days that you did not obtain the minimum number of hours of data for five pollutants or parameters. Include the reasons you did not obtain the data and corrective actions that you have taken to obtain the data in the future. Include data on:

(1) Sulfur dioxide emissions.

(2) Carbon monoxide emissions.

(3) Load level of the municipal waste combustion unit.

(4) Temperature of the flue gases at the inlet of the particulate matter air pollution control device.

(5) Carbon feed rate.

(f) The number of hours you have excluded data from the calculation of average levels (include the reasons for

excluding it). Include data for the following five pollutants or parameters:

- (1) Sulfur dioxide emissions.
- (2) Carbon monoxide emissions.
- (3) Load level of the municipal waste combustion unit.
- (4) Temperature of the flue gases at the inlet of the particulate matter air pollution control device.
- (5) Carbon feed rate.
- (g) A notice of your intent to begin a reduced stack testing schedule for dioxins/furans emissions during the following calendar year if you are eligible for alternative scheduling (40 CFR 60.1795(a) or (b)).
- (h) A notice of your intent to begin a reduced stack testing schedule for other pollutants during the following calendar year if you are eligible for alternative scheduling (40 CFR 60.1795(a)).
- (i) A summary of any emission or parameter level that did not meet the limits specified in 40 CFR 60, Subpart BBBB.
- (j) A summary of the data in paragraphs (a) through (d) of this condition for the three semi-annual periods preceding the reporting period which gives the department a summary of the performance of the municipal waste combustion unit over a 2-year period.
- (k) If you choose to monitor carbon dioxide instead of oxygen as a diluent gas, documentation of the relationship between oxygen and carbon dioxide, as specified in 40 CFR 60.1745.
- (l) Documentation of periods when all certified chief facility operators and certified shift supervisors are offsite for more than 12 hours.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 78: Compliance Certification
Effective for entire length of Permit

Applicable Federal Requirement: 40CFR 60.1890, Subpart BBBB

Item 78.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 78.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permittee shall submit a semiannual report on any recorded emission or parameter level that does not meet the requirements specified in 40 CFR 60, Subpart BBBB.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 79: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement:40CFR 60.1895, Subpart BBBB

Item 79.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 79.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Out-of-compliance emission or parameter data listed in 40 CFR 60.1900 shall be reported semi-annually in accordance with 6NYCRR 201-6.5(c)(3)(ii). The semiannual reports shall be submitted within 30 days after the end of each semi-annual calendar period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 80: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement:40CFR 60.1900, Subpart BBBB

Item 80.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 80.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Permittee shall include the following three items in any semi-annual out-of-compliance report:

(a) For any of the following five pollutants or parameters that exceeded the limits specified in 40 CFR 60, Subpart BBBB, include the calendar date they exceeded the limits, the averaged and recorded data for that date, the reasons for exceeding the limits, and your corrective actions:

(1) Concentration or percent reduction of sulfur dioxide emissions.

(2) Concentration of carbon monoxide emissions.

(3) Load level of your municipal waste combustion unit.

(4) Temperature of the flue gases at the inlet of your particulate matter air pollution control device.

(5) Average 6-minute opacity level. The data obtained from your continuous opacity monitoring system are not used to determine compliance with the limit on opacity emissions.

(b) If the results of your annual stack tests (as recorded in 40 CFR 60.1845(a)) show emissions above the limits specified in Table 2 or 4 of Subpart BBBB as applicable for dioxins/furans, cadmium, lead, mercury, particulate matter, opacity, hydrogen chloride, and fugitive ash, include a copy of the test report that documents the emission levels and your corrective actions.

(c) For municipal waste combustion units that apply activated carbon to control dioxins/furans or mercury emissions, include the following two items:

(1) Documentation of all dates when the 8-hour block average carbon feed rate (calculated from the carbon injection system operating parameter) is less than the highest carbon feed rate established during the most recent mercury and dioxins/furans stack test (as specified in 40 CFR 60.1855(a)(1)). Include the following four items:

(i) Eight-hour average carbon feed rate.

(ii) Reasons for occurrences of low carbon feed rates.

(iii) The corrective actions you have taken to meet the carbon feed rate requirement.

(iv) The calendar date.

(2) Documentation of each instance that the amount carbon purchased and delivered to the municipal waste combustion plant was less than the required usage amount of carbon for the preceding carbon delivery period*. If you choose to evaluate the amount of carbon purchased and delivered on a municipal waste combustion unit basis, record the amount of carbon purchased and delivered for each individual municipal waste combustion unit at your plant.

*For the purposes of this requirement, "carbon delivery period" shall be the period between carbon deliveries to the MWC plant.

Include the following five items:

(i) Amount of carbon purchased and delivered to the plant.

(ii) Required usage of carbon for each carbon delivery period.

(iii) Reasons for not meeting the required usage of carbon for each carbon delivery period.

(iv) The corrective actions you have taken to meet the required usage of carbon for each carbon delivery period.

(v) The calendar date.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 81: Compliance Certification
Effective for entire length of Permit**

Applicable Federal Requirement: 40CFR 60.1905, Subpart BBBBB

Item 81.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-INCIN

Item 81.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Requests to change semiannual or annual reporting dates:

(a) If the Department agrees, permittee may change the semiannual or annual reporting dates.

(b) Permittee should refer to 40 CFR 60.19(c) for procedures to seek approval to change the reporting date.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

STATE ONLY ENFORCEABLE CONDITIONS****** Facility Level ********NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined in 6 NYCRR subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

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

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

(2) the equipment at the facility was being properly operated and maintained;

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

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

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

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

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

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

properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

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

STATE ONLY APPLICABLE REQUIREMENTS

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

Condition 82: Contaminant List
Effective for entire length of Permit

Applicable State Requirement: ECL 19-0301

Item 82.1:

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

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

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

CAS No: 007439-92-1
Name: LEAD

CAS No: 007439-97-6
Name: MERCURY

CAS No: 007440-43-9
Name: CADMIUM

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

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

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

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

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

**Condition 83: Malfunctions and Start-up/Shutdown Activities
Effective for entire length of Permit**

Applicable State Requirement: 6 NYCRR 201-1.4

Item 83.1:

(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment maintenance and start-up/shutdown activities when they are expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when required by a permit condition or upon request by the department. Such reports shall state whether an exceedance occurred and if it was unavoidable, include the time, frequency and duration of the exceedance, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous monitoring and quarterly reporting requirements need not submit additional reports of exceedances to the department.

(c) In the event that air contaminant emissions exceed any applicable emission standard due to a malfunction, the facility owner or operator shall notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. In addition, the facility owner or operator shall compile and maintain a record of all malfunctions. Such records shall be maintained at the facility for a period of at least five years and must be made available to the department upon request. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, the air contaminants emitted, and the resulting emission rates and/or opacity.

(d) The department may also require the facility owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

**Condition 84: Air pollution prohibited
Effective for entire length of Permit**

Applicable State Requirement:6 NYCRR 211.1**Item 84.1:**

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 85: Compliance Demonstration
Effective for entire length of Permit****Applicable State Requirement:6 NYCRR 211.1****Item 85.1:**

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

Emission Unit: 1-INCIN

Item 85.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The incinerator units must be designed and operated such that the minimum residence time in the secondary combustion chamber is 0.75 seconds. Documentation verifying compliance must be submitted to the Department upon request.

Parameter Monitored: RESIDENCE TIME

Lower Permit Limit: 0.75 seconds

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED
VALUE AT ANY TIME

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 86: Compliance Demonstration
Effective for entire length of Permit****Applicable State Requirement:6 NYCRR 211.1****Item 86.1:**

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

Emission Unit: 1-INCIN

Item 86.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Permittee shall continuously monitor and record secondary chamber temperature. The secondary chamber temperature must not fall below 1600 degrees Fahrenheit at all times while waste is being combusted. A log shall be kept of readings taken once per shift of all key operating settings and outputs.

Manufacturer Name/Model Number: Monitoring Device Acceptable to the Department

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1600 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED
VALUE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 87: Compliance Demonstration
Effective for entire length of Permit**

Applicable State Requirement: 6 NYCRR 257-4.2

Item 87.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 87.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility has demonstrated initial compliance with the gaseous fluoride standard of 6 NYCRR Part 257-4.2 as written below. This standard is not to be exceeded at any time.

Gaseous fluorides in air (parts per million parts of air)
as F—all levels. (25 degrees Centigrade, 760 min.
Hg.)

- (1) 12 hour averages to be less than 4.5 ppb (3.7 $\mu\text{g}/\text{m}^3$)
- (2) 24 hour averages to be less than 3.5 ppb (2.85 $\mu\text{g}/\text{m}^3$)
- (3) 1 week averages to be less than 2.0 ppb (1.65 $\mu\text{g}/\text{m}^3$)
- (4) 1 month averages to be less than 1.0 ppb (0.8 $\mu\text{g}/\text{m}^3$)

Monitoring Frequency: UPON REQUEST OF REGULATORY AGENCY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.
Subsequent reports are due every 12 calendar month(s).

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

Condition 88: Compliance Demonstration
Effective for entire length of Permit

Applicable State Requirement:6 NYCRR 201-1.4

Item 88.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-INCIN

Item 88.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

An interlock system must be present such that the incinerators cannot be charged with refuse when the air pollution control equipment is bypassed either through the incinerator bypass stack or the baghouse bypass system. The Department reserves the right to require a demonstration of this capability. A report verifying this capability must be submitted to the Department upon request.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: WASTE MATERIAL

Parameter Monitored: CHARGE

Upper Permit Limit: 0 pounds

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

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

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

