



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 3-5526-00036/00007
Effective Date: 10/19/2011 Expiration Date: No expiration date

Permit Issued To: FERNCLIFF CEMETERY ASSOC
SECOR RD
HARTSDALE, NY 10530

Contact: FERNCLIFF CEMETERY ASSOCIATION
PO BOX 217
280 SECOR ROAD
HARTSDALE, NY 10530
(914) 693-4700

Facility: FERNCLIFF CEMETERY ASSOC
280 SECOR RD
HARTSDALE, NY 10530

Contact: KEVIN BOYD
FERNCLIFF CEMETERY ASSOC
280 SECOR ROAD
HARTSDALE, NY 10530
(914) 693-4700

Description:
Human Crematory facility located on the grounds of a cemetery.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

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

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

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



DEC GENERAL CONDITIONS
****** General Provisions ******
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 expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for State Facility Permits.

Item 3.3:

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



Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 3 HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

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

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

New York State Department of Environmental Conservation

Permit ID: 3-5526-00036/00007

Facility DEC ID: 3552600036



Permit Under the Environmental Conservation Law (ECL)

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY
PERMIT**

IDENTIFICATION INFORMATION

Permit Issued To: FERNCLIFF CEMETERY ASSOC
SECOR RD
HARTSDALE, NY 10530

Facility: FERNCLIFF CEMETERY ASSOC
280 SECOR RD
HARTSDALE, NY 10530

Authorized Activity By Standard Industrial Classification Code:
6553 - CEMETERY SUBDIVIDERS AND DEVELOPERS

Permit Effective Date: 10/19/2011
date.

Permit Expiration Date: No expiration
date.



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Emission Unit Level

- 1 6 NYCRR 219-6.2: Compliance Demonstration
- 2 6 NYCRR 219-6.3: Compliance Demonstration
- 3 6 NYCRR 219-6.4: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 4 ECL 19-0301: Contaminant List
- 5 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 6 6 NYCRR Subpart 201-5: Emission Unit Definition
- 7 6 NYCRR 211.2: Visible Emissions Limited
- 8 6 NYCRR 219-4.3: Compliance Demonstration
- 9 6 NYCRR 219-4.4: Compliance Demonstration
- 10 6 NYCRR 219-4.5: Compliance Demonstration
- 11 6 NYCRR 219-4.6: Compliance Demonstration
- 12 6 NYCRR 219-4.7: Compliance Demonstration
- 13 6 NYCRR 219-4.10: Compliance Demonstration
- 14 6 NYCRR 219-4.11: Compliance Demonstration

Emission Unit Level

- 15 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 16 6 NYCRR Subpart 201-5: Process Definition By Emission Unit



FEDERALLY ENFORCEABLE CONDITIONS
****** Emission Unit Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6 NYCRR 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

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.

Item C: Maintenance of Equipment - 6 NYCRR 200.7

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.

Item D: Unpermitted Emission Sources - 6 NYCRR 201-1.2

If an existing emission source was subject to the permitting requirements of 6 NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: Emergency Defense - 6 NYCRR 201-1.5

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

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

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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



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

Item F: Recycling and Salvage - 6 NYCRR 201-1.7

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8

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.

Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 201-3.2 (a)

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR 201-3.3 (a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item J: Required Emission Tests - 6 NYCRR 202-1.1



An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6 NYCRR Subpart 202-1.

Item K: Open Fires Prohibitions - 6 NYCRR 215.2
Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item L: Permit Exclusion - ECL 19-0305
The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

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

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Compliance Demonstration



Effective between the dates of 10/19/2011 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 219-6.2

Item 1.1:

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

Emission Unit: F-00001 Process: 002	Emission Point: 00003 Emission Source: CREM3
Emission Unit: F-00001 Process: 002	Emission Point: 00004 Emission Source: CREM4
Emission Unit: F-00001 Process: 002	Emission Point: 00005 Emission Source: CREM5

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

Item 1.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person will construct, install, use or cause to be used any incinerator whose particulate emissions exceed the permissible particulate emission shown on figure 1 or 6 NYCRR Part 219-6.2

If two or more incinerators are connected to a single stack, the total refuse charged to all incinerators connected to the same stack will be the refuse charged for the purpose of determining the permissible particulate emission.

If a single incinerator is connected to two or more stacks, the refuse charged to the single incinerator will be the refuse charged for the purpose of determining the permissible particulate emission.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.6 pounds per hour
Reference Test Method: EPA Method 5
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 2: Compliance Demonstration
Effective between the dates of 10/19/2011 and Permit Expiration Date



Applicable Federal Requirement:6 NYCRR 219-6.3

Item 2.1:

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

Emission Unit: F-00001 Process: 002	Emission Point: 00003 Emission Source: CREM3
Emission Unit: F-00001 Process: 002	Emission Point: 00004 Emission Source: CREM4
Emission Unit: F-00001 Process: 002	Emission Point: 00005 Emission Source: CREM5

Item 2.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person may construct, install or operate any incinerator with visible emissions having a six-minute average opacity of twenty percent or greater except for one six minute period per hour in which the six-minute average opacity must not exceed forty percent.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: EPA Method 9
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 3: Compliance Demonstration
Effective between the dates of 10/19/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 219-6.4

Item 3.1:

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

Emission Unit: F-00001 Process: 002	Emission Point: 00003 Emission Source: CREM3
Emission Unit: F-00001 Process: 002	Emission Point: 00004 Emission Source: CREM4
Emission Unit: F-00001 Process: 002	Emission Point: 00005 Emission Source: CREM5

New York State Department of Environmental Conservation

Permit ID: 3-5526-00036/00007

Facility DEC ID: 3552600036



Item 3.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The gas temperature at the furnace outlet of the
incinerator must be automatically maintained at not less
than 1,400 °F during 90 percent of the burning period.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1,400 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED
VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



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: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1), and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

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 only enforceable.



Condition 4: Contaminant List

Effective between the dates of 10/19/2011 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 4.1:

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

CAS No: 0NY075-00-0

Name: PARTICULATES

Condition 5: Unavoidable noncompliance and violations

Effective between the dates of 10/19/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 201-1.4

Item 5.1:

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

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

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

(c) The Department may also require the owner and/or operator to include in reports



described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

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

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

Condition 6: Emission Unit Definition
Effective between the dates of 10/19/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 6.1:

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

Emission Unit: F-00001

Emission Unit Description:

Crematory operation consisting of 5 crematory retorts to reduce human remains to ash and bone fragments. Emission sources CREM1 and CREM2 are regulated under 6 NYCRR Subpart 219-4 and CREM3, CREM4, and CREM5 under 6 NYCRR Subpart 219-6.

Building(s): Ferncliff

Condition 7: Visible Emissions Limited
Effective between the dates of 10/19/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 211.2

Item 7.1:

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 8: Compliance Demonstration
Effective between the dates of 10/19/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 219-4.3

Item 8.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

New York State Department of Environmental Conservation

Permit ID: 3-5526-00036/00007

Facility DEC ID: 3552600036



Emission Unit: F-00001
Process: 001

Emission Point: 00001
Emission Source: CREM1

Emission Unit: F-00001
Process: 001

Emission Point: 00002
Emission Source: CREM2

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

Item 8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emissions limit for new and modified crematories and for incineration of associated bedding. The permittee must initially demonstrate compliance with the standards in this Subpart by either (1) onsite testing, or (2) submittal of a test report for an identical incinerator tested in New York and approved by the commissioner. The NYSDEC reserves the right to request performance testing to determine future compliance.

Upper Permit Limit: 0.08 grains per dry standard cubic foot (corrected to 7% O₂)

Reference Test Method: USEPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 9: Compliance Demonstration
Effective between the dates of 10/19/2011 and Permit Expiration Date

Applicable State Requirement: 6 NYCRR 219-4.4

Item 9.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: F-00001
Process: 001

Emission Point: 00001
Emission Source: CREM1

Emission Unit: F-00001
Process: 001

Emission Point: 00002
Emission Source: CREM2

Item 9.2:

Compliance Demonstration shall include the following monitoring:

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

New York State Department of Environmental Conservation

Permit ID: 3-5526-00036/00007

Facility DEC ID: 3552600036



Monitoring Description:

(a) Furnace design must provide for a residence time for combustion gas of at least one second at no less than 1,800°F. For a multichamber incinerator, these parameters must be met after the primary combustion chamber and the primary combustion chamber temperature must be maintained at no less than 1,400°F.

(b) Auxiliary burners must be designed to provide combustion chamber temperatures as described in subdivision (a) of this section by means of automatic modulating controls.

(c) Mechanically fed crematories must incorporate an air lock system to prevent opening the crematory to the room environment. The volume of the loading system must be designed so as to prevent overcharging to assure complete combustion of the charge.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1400 degrees Fahrenheit

Upper Permit Limit: 1800 degrees Fahrenheit

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 10: Compliance Demonstration
Effective between the dates of 10/19/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 219-4.5

Item 10.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: F-00001
Process: 001

Emission Point: 00001
Emission Source: CREM1

Emission Unit: F-00001
Process: 001

Emission Point: 00002
Emission Source: CREM2

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

Item 10.2:

Compliance Demonstration shall include the following monitoring:

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

New York State Department of Environmental Conservation

Permit ID: 3-5526-00036/00007

Facility DEC ID: 3552600036



Monitoring Description:

No person may cause or allow emissions to the outdoor atmosphere having a six-minute average opacity of 10 percent or greater from any emission source subject to these requirements.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: USEPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 11: Compliance Demonstration
Effective between the dates of 10/19/2011 and Permit Expiration Date

Applicable State Requirement: 6 NYCRR 219-4.6

Item 11.1:

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

Emission Unit: F-00001
Process: 001

Emission Point: 00001
Emission Source: CREM1

Emission Unit: F-00001
Process: 001

Emission Point: 00002
Emission Source: CREM2

Item 11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- (a) Municipal solid waste may not be burned in a crematory.
- (b) Infectious waste (other than pathological waste and animal bedding) in excess of five percent of the total permitted hourly charging rate may not be burned in a crematory.
- (c) Radioactive waste may not be burned in a crematory unless that crematory is exempt from or has been issued a permit pursuant to Part 380 of this Title.
- (d) Hazardous waste may not be burned in a crematory unless that crematory is exempt from or has been issued a permit pursuant to Part 373 of this Title.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 12: Compliance Demonstration
Effective between the dates of 10/19/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 219-4.7

Item 12.1:

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

Emission Unit: F-00001	Emission Point: 00001
Process: 001	Emission Source: CREM1

Emission Unit: F-00001	Emission Point: 00002
Process: 001	Emission Source: CREM2

Item 12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall operate and maintain in accordance with the manufacturer's instructions, instruments meeting specifications for continuously monitoring and recording the following emissions and operating parameters while running the crematories:

- a) primary combustion chamber exit temperature of no less than 1,400 degrees Fahrenheit;
- b) secondary (or last) combustion chamber exit temperature of at least one second at no less than 1,800 degrees Fahrenheit.

Data shall be kept on site for a minimum of 5 years to be made available upon the Department request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 13: Compliance Demonstration
Effective between the dates of 10/19/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 219-4.10

Item 13.1:

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

Emission Unit: F-00001	Emission Point: 00001
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Process: 001

Emission Source: CREM1

Emission Unit: F-00001

Emission Point: 00002

Process: 001

Emission Source: CREM2

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) This facility may not operate except under the onsite direction of a person possessing an appropriate incinerator operator certification issued by the commissioner.

(b) Persons operating this facility must be certified in writing by the holder of an incinerator operator certification, relative to:

(1) proper operation and maintenance of equipment at that facility; and

(2) knowledge of environmental permit conditions and the impact of plant operation on emissions for that facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 14: Compliance Demonstration
Effective between the dates of 10/19/2011 and Permit Expiration Date

Applicable State Requirement: 6 NYCRR 219-4.11

Item 14.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: F-00001

Emission Point: 00001

Process: 001

Emission Source: CREM1

Emission Unit: F-00001

Emission Point: 00002

Process: 001

Emission Source: CREM2

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of a permitted crematory facility must annually inspect that facility and submit a report to the commissioner, certifying that the condition and



operation of that facility, including the calibration of all instrumentation, meet manufacturer's specifications.

Monitoring Frequency: ANNUALLY
Reporting Requirements: NOVEMBER 30TH

**** Emission Unit Level ****

Condition 15: Emission Point Definition By Emission Unit
Effective between the dates of 10/19/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 15.1:

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

Emission Unit:	F-00001		
Emission Point:	00001		
Height (ft.):	41	Diameter (in.):	30
NYTMN (km.):	4542.7	NYTME (km.):	599.5
		Building:	Ferncliff
Emission Point:	00002		
Height (ft.):	41	Diameter (in.):	30
NYTMN (km.):	4542.7	NYTME (km.):	599.5
		Building:	Ferncliff
Emission Point:	00003		
Height (ft.):	41	Diameter (in.):	20
NYTMN (km.):	4542.7	NYTME (km.):	599.5
		Building:	Ferncliff
Emission Point:	00004		
Height (ft.):	41	Diameter (in.):	20
NYTMN (km.):	4542.7	NYTME (km.):	599.5
		Building:	Ferncliff
Emission Point:	00005		
Height (ft.):	41	Diameter (in.):	20
NYTMN (km.):	4542.7	NYTME (km.):	599.5
		Building:	Ferncliff

Condition 16: Process Definition By Emission Unit
Effective between the dates of 10/19/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 16.1:

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

Emission Unit:	F-00001	
Process:	001	Source Classification Code: 3-15-021-01
Process Description:	Cremation of human remains in a dual chambered gas fired	



equipped with an afterburner for secondary combustion and control of particulate emissions. The cremator is a hot hearth design, meaning the primary chamber lies above the secondary chamber where combustion continues at a higher temperature (1800F) and a one second retention time. The cremator is equipped with temperature and opacity controllers to continuously monitor and record operating conditions. Two units of this type are in operation.

Emission Source/Control: CREM1 - Incinerator
Design Capacity: 150 pounds per hour
Waste Feed Method: MANUAL DIRECT FEED
Waste Type: CREMATORY WASTE (INCLUDING HUMAN AND/OR ANIMAL BODY PARTS AND ASSOCIATED ANIMAL BEDDING) ONLY

Emission Source/Control: CREM2 - Incinerator
Design Capacity: 150 pounds per hour
Waste Feed Method: MANUAL DIRECT FEED
Waste Type: CREMATORY WASTE (INCLUDING HUMAN AND/OR ANIMAL BODY PARTS AND ASSOCIATED ANIMAL BEDDING) ONLY

Item 16.2:

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

Emission Unit: F-00001
Process: 002 Source Classification Code: 3-15-021-01
Process Description:
Cremation of human remains in a gas fired cremator equipped with afterburner for secondary combustion. Three units of this type are in operation.

Emission Source/Control: CREM3 - Incinerator
Design Capacity: 150 pounds per hour
Waste Feed Method: MANUAL DIRECT FEED
Waste Type: CREMATORY WASTE (INCLUDING HUMAN AND/OR ANIMAL BODY PARTS AND ASSOCIATED ANIMAL BEDDING) ONLY

Emission Source/Control: CREM4 - Incinerator
Design Capacity: 150 pounds per hour
Waste Feed Method: MANUAL DIRECT FEED
Waste Type: CREMATORY WASTE (INCLUDING HUMAN AND/OR ANIMAL BODY PARTS AND ASSOCIATED ANIMAL BEDDING) ONLY

Emission Source/Control: CREM5 - Incinerator
Design Capacity: 150 pounds per hour

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Waste Feed Method: MANUAL DIRECT FEED
Waste Type: CREMATORY WASTE (INCLUDING HUMAN
AND/OR ANIMAL BODY PARTS AND
ASSOCIATED ANIMAL BEDDING) ONLY

