



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 3-1346-00100/00004
Mod 0 Effective Date: 12/05/2005 Expiration Date: No expiration date.
Mod 1 Effective Date: 08/09/2010 Expiration Date: No expiration date.

Permit Issued To: POUGHKEEPSIE RURAL CEMETERY
342 SOUTH AVE
PO BOX 977
POUGHKEEPSIE, NY 12602-0977

Contact: CHARLES H FELLS
POUGHKEEPSIE RURAL CEMETERY
PO BOX 977
POUGHKEEPSIE, NY 12602-0977
(845) 454-6020

Facility: POUGHKEEPSIE RURAL CEMETERY
342 SOUTH AVE
POUGHKEEPSIE, NY 12602

Description:
The Poughkeepsie Rural Cemetery is located in Dutchess County. The facility operates three existing incinerators for the purpose of cremating remains. This permit modification allows for an additional new incinerator to be added.

The facility is subject to the requirements of 6NYCRR Part 219 Subpart 4: Incinerators, Crematories which includes a limit on particulate emissions; design and operating requirements of the primary and secondary chambers during combustion, continuous monitoring of the temperatures in each chamber; operator training and certification; recordkeeping; and inspection and annual reporting.

Facilities potential emissions are below major stationary source threshold. The facility is subject to monitoring and reporting requirements under 6 NYCRR Parts 219-4 and 219-5.

Modification 1

Installation of a new Power Pak II cremation incinerator. Modification also includes minor administrative revisions for various conditions and emission units/points/processes/sources.

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

New York State Department of Environmental Conservation
Facility DEC ID: 3134600100



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
 - Applications for Permit Renewals and Modifications
 - Permit modifications, suspensions or revocations by the Department
 - Permit Modifications, Suspensions and Revocations by the Department

Facility Level

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



DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 1-1: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 1-1.1:

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

Item 1-1.2:

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

Item 1-1.3:

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



Condition 3: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6 NYCRR 621.13

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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

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

Applicable State Requirement: 6 NYCRR 621.13

Item 1-2.1:

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

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

Condition 4: Permit Modifications, Suspensions and Revocations by the Department

Applicable State Requirement: 6 NYCRR 621.14

Item 4.1:

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

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



the Department related to the permitted activity.

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

Condition 5: Submission of Applications for Permit Modification or Renewal-REGION 3 HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.5 (a)

Expired by Mod No: 1

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

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

HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 1-3.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 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: 3-1346-00100/00004

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Permit Under the Environmental Conservation Law (ECL)

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

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Facility: POUGHKEEPSIE RURAL CEMETERY
342 SOUTH AVE
POUGHKEEPSIE, NY 12602

Authorized Activity By Standard Industrial Classification Code:
6553 - CEMETERY SUBDIVIDERS AND DEVELOPERS
7261 - FUNERAL SERVICE AND CREMATORIES

Mod 0 Permit Effective Date: 12/05/2005
date.

Permit Expiration Date: No expiration

Mod 1 Permit Effective Date: 08/09/2010
date.

Permit Expiration Date: No expiration



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1-1 6 NYCRR Subpart 219-5: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 1 ECL 19-0301: Contaminant List
- 1-2 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 3 6 NYCRR Subpart 201-5: Emission Unit Definition
- 1-3 6 NYCRR 211.2: Air pollution prohibited
- 1-4 6 NYCRR 219-4.3: Compliance Demonstration
- 1-5 6 NYCRR 219-4.4: Compliance Demonstration
- 1-6 6 NYCRR 219-4.5: Compliance Demonstration
- 1-7 6 NYCRR 219-4.6: Compliance Demonstration
- 1-8 6 NYCRR 219-4.7: Compliance Demonstration
- 1-9 6 NYCRR 219-4.8: Compliance Demonstration
- 1-10 6 NYCRR 219-4.10: Compliance Demonstration
- 1-11 6 NYCRR 219-4.11: Compliance Demonstration

Emission Unit Level

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



FEDERALLY ENFORCEABLE CONDITIONS
****** Facility 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: Visible Emissions Limited - 6 NYCRR 211.3

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.

Item L: 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 M: 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 N: 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 1-1: Compliance Demonstration
Effective between the dates of 08/09/2010 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR Subpart 219-5

Item 1-1.1:

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

Emission Unit: U-CREMA	Emission Point: STK01
Process: 001	Emission Source: 00002

Item 1-1.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This condition applies to the Power-Pak unit installed prior to December 1, 1988. Applicability is based on a maintenance history that does not include any reconstruction or modification.

§219-5.2 Emission limits

This unit shall be operated to meet the emission limits of Figure 1, Appendix 2, which states a maximum particulate limit of 0.4 lbs.hr.

§219-5.3 Opacity of emissions

The incinerator shall not emit visible emissions having an average opacity during any six consecutive minutes of greater than 20 percent, under normal operating conditions.

§219-5.4 Tests

Units which are representative models may be tested instead of an actual installation, using emission tests acceptable to the Department. A stack test provided by the facility showed an average particulate emission of 0.08 lbs/hr for a similar unit.

§219-5.5 Abatement

Performance testing may be requested where the Department has reason to believe that an incinerator installation is violating the emission standards of section 219-5.2 of

New York State Department of Environmental Conservation

Permit ID: 3-1346-00100/00004

Facility DEC ID: 3134600100



this Subpart. The owner must provide, at his expense, sampling holes and pertinent allied facilities as needed.

If such tests indicate a contravention of the emission limits, the Department may require the installation of appropriate control equipment or may seal the incinerator if such equipment is not installed within the time limit specified.

The Department may order the cleaning, repair, replacement or alteration of any equipment or control equipment which causes or is operated so as to cause a violation of this Subpart.

The Department may order a change in the manner of operation of any incinerator which is operated so as to cause a violation of this Subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT 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 1: Contaminant List

Effective between the dates of 12/05/2005 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 1.1:

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 1-2: Unavoidable noncompliance and violations

Effective between the dates of 08/09/2010 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 201-1.4

Replaces Condition(s) 2

Item 1-2.1:

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 3: Emission Unit Definition
Effective between the dates of 12/05/2005 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 3.1(From Mod 1):

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

Emission Unit: U-CREMA

Emission Unit Description:

4 Cremator incinerators for the disposal of human remains.

Building(s): 0CREM

Condition 1-3: Air pollution prohibited
Effective between the dates of 08/09/2010 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 211.2

Replaces Condition(s) 4

Item 1-3.1:

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

Condition 1-4: Compliance Demonstration
Effective between the dates of 08/09/2010 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 219-4.3

Replaces Condition(s) 10, 14

Item 1-4.1:

New York State Department of Environmental Conservation

Permit ID: 3-1346-00100/00004

Facility DEC ID: 3134600100



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

Emission Unit: U-CREMA Emission Point: STK02
Process: 001 Emission Source: 00003

Emission Unit: U-CREMA Emission Point: STK03
Process: 001 Emission Source: 00004

Emission Unit: U-CREMA Emission Point: STK05
Process: 001 Emission Source: 00005

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

Item 1-4.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The facility may not cause or allow emissions of
particulates into the outdoor atmosphere from any emission
source located in a crematory facility in excess of 0.08
grains per dry standard cubic foot of flue gas, corrected
to seven percent oxygen.

The Department reserves the right to request performance
testing to verify compliance.

Parameter Monitored: PARTICULATES

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

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 1-5: Compliance Demonstration
Effective between the dates of 08/09/2010 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 219-4.4

Replaces Condition(s) 7

Item 1-5.1:

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

Emission Unit: U-CREMA



Process: 001 Emission Source: 00003
Emission Unit: U-CREMA
Process: 001 Emission Source: 00004
Emission Unit: U-CREMA
Process: 001 Emission Source: 00005

Item 1-5.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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.

Temperature shall be recorded while the incinerators are operating and data kept on site for a minimum of 5 years.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: BODIES

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1800 degrees Fahrenheit for at least one second for residence time

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-6: Compliance Demonstration
Effective between the dates of 08/09/2010 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 219-4.5

Replaces Condition(s) 18, 19

Item 1-6.1:

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

Emission Unit: U-CREMA Emission Point: STK02
Process: 001 Emission Source: 00003
Emission Unit: U-CREMA Emission Point: STK03

New York State Department of Environmental Conservation

Permit ID: 3-1346-00100/00004

Facility DEC ID: 3134600100



Process: 001

Emission Source: 00004

Emission Unit: U-CREMA

Emission Point: STK05

Process: 001

Emission Source: 00005

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility may not cause or allow emissions to the outdoor atmosphere having a six-minute average opacity of 10 percent or greater. Poughkeepsie Rural Cemetery shall continue to operate existing continuous opacity sensors in a manner that interlocks operation of the afterburner to ensure conformance with the opacity standard. The opacity sensors shall be operated in accordance with manufacturers specifications and adjusted as part of routine maintenance of the units.

The facility may not operate a crematory facility unless the temperatures described in section 219-4.4 of this Subpart are maintained at all times that waste is being burned.

The NYSDEC reserves the right to perform or request an EPA Method 9 opacity evaluation.

Upper Permit Limit: 10 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-7: Compliance Demonstration

Effective between the dates of 08/09/2010 and Permit Expiration Date

Applicable State Requirement: 6 NYCRR 219-4.6

Replaces Condition(s) 8

Item 1-7.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-CREMA

Emission Point: STK02

Process: 001

Emission Source: 00003



Emission Unit: U-CREMA Process: 001	Emission Point: STK03 Emission Source: 00004
Emission Unit: U-CREMA Process: 001	Emission Point: STK05 Emission Source: 00005

Item 1-7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

At all times;

(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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 1-8: Compliance Demonstration
Effective between the dates of 08/09/2010 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 219-4.7

Replaces Condition(s) 12, 16

Item 1-8.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-CREMA Process: 001	Emission Point: STK02 Emission Source: 00003
Emission Unit: U-CREMA Process: 001	Emission Point: STK03 Emission Source: 00004
Emission Unit: U-CREMA Process: 001	Emission Point: STK05 Emission Source: 00005

New York State Department of Environmental Conservation

Permit ID: 3-1346-00100/00004

Facility DEC ID: 3134600100



Item 1-8.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The facility shall continuously monitoring and recording the following emission and operating parameters while the unit is running:

(1) primary combustion chamber exit temperature (To ensure combustion over 1400°F);

(2) secondary (or last) combustion chamber exit temperature (To ensure residence time for combustion gas of at least one second at no less than 1,800°F).

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

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1400 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 1-9: Compliance Demonstration

Effective between the dates of 08/09/2010 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 219-4.8

Replaces Condition(s) 13, 17

Item 1-9.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-CREMA
Process: 001

Emission Point: STK02
Emission Source: 00003

Emission Unit: U-CREMA
Process: 001

Emission Point: STK03
Emission Source: 00004

Emission Unit: U-CREMA
Process: 001

Emission Point: STK05
Emission Source: 00005

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-9.2:



Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility submitted a stack test report completed in 2005 for an identical incinerator tested in East Elmhurst, New York. This stack test represents the Power Pak II units. Three test runs showed results of 0.014, 0.024, and 0.038 grains/DSCF, which is below the maximum limit of 0.08 grains/DSCF.

The Department reserves the right to require future stack testing for compliance verification.

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

Reference Test Method: EPA Methods

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-10: Compliance Demonstration
Effective between the dates of 08/09/2010 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 219-4.10

Item 1-10.1:

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

Emission Unit: U-CREMA Process: 001	Emission Point: STK02 Emission Source: 00003
Emission Unit: U-CREMA Process: 001	Emission Point: STK03 Emission Source: 00004
Emission Unit: U-CREMA Process: 001	Emission Point: STK05 Emission Source: 00005

Item 1-10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All operators handling the cremating units are certified as of the issuance of this permit. It is the responsibility of the facility to keep current all required certifications.

Certifications shall be kept on site for proof of



compliance status and submitted to the Department upon request. Operators shall be re-certified every five years.

No unit shall be operated unless under the on site direction of a person possessing an appropriate incinerator operator certification issued by the commissioner.

No person may operate the crematory units unless 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: Once every five years

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-11: Compliance Demonstration
Effective between the dates of 08/09/2010 and Permit Expiration Date

Applicable State Requirement: 6 NYCRR 219-4.11

Replaces Condition(s) 9

Item 1-11.1:

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

Emission Unit: U-CREMA Process: 001	Emission Point: STK02 Emission Source: 00003
Emission Unit: U-CREMA Process: 001	Emission Point: STK03 Emission Source: 00004
Emission Unit: U-CREMA Process: 001	Emission Point: STK05 Emission Source: 00005

Item 1-11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall conduct an annual inspection to certify that the condition and operation of the incinerators, including calibration of all

New York State Department of Environmental Conservation

Permit ID: 3-1346-00100/00004

Facility DEC ID: 3134600100



instrumentation, meet manufacturer's specifications. An annual report due no later than Jan 30th of the following year shall be submitted to the Department stating compliance status.

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2011.
Subsequent reports are due every 12 calendar month(s).

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

Condition 5: Emission Point Definition By Emission Unit
Effective between the dates of 12/05/2005 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 5.1(From Mod 1):

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

Emission Unit: U-CREMA

Emission Point: STK01
Height (ft.): 22 Diameter (in.): 20
NYTMN (km.): 4615.07 NYTME (km.): 588.522 Building: 0CREM

Emission Point: STK02
Height (ft.): 22 Diameter (in.): 20
NYTMN (km.): 4615.07 NYTME (km.): 588.522 Building: 0CREM

Emission Point: STK03
Height (ft.): 22 Diameter (in.): 20
NYTMN (km.): 4615.07 NYTME (km.): 588.522 Building: 0CREM

Emission Point: STK05
Height (ft.): 22 Diameter (in.): 20
NYTMN (km.): 4615.07 NYTME (km.): 588.522 Building: 0CREM

Condition 6: Process Definition By Emission Unit
Effective between the dates of 12/05/2005 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 6.1(From Mod 1):

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

Emission Unit: U-CREMA
Process: 001 Source Classification Code: 3-15-021-01

New York State Department of Environmental Conservation

Permit ID: 3-1346-00100/00004

Facility DEC ID: 3134600100



Process Description: Cremator fuelled by Natural Gas

Emission Source/Control: 00002 - 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: 00003 - 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: 00004 - 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: 00005 - 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

