

Facility DEC ID: 1472004619

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 1-4720-04619/00001
Effective Date: 04/24/2020 Expiration Date: 04/23/2030

Permit Issued To: LEGACY PET CREMATORY INC
21 EADS ST
WEST BABYLON, NY 11704

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XXXXXXXXXXXXXXXXXXXX

Contact: RICHARD FRANCISCO
21 EADS ST
WEST BABYLON, NY 11704

Facility: LEGACY PET CREMATORY INC
21 EADS ST
WEST BABYLON, NY 11704

Contact: RICHARD FRANCISCO
21 EADS ST
WEST BABYLON, NY 11704

Description:
This is an Air State Facility permit for a new facility, a pet crematory which will install and operate one (1) B & L Cremation Systems Inc BLP 750 M5 animal cremator. The unit has a maximum load capacity of 750 pounds and a cremation rate of 150 pounds per hour. Its burners fire natural gas. The primary chamber is divided into five (5) sections, each with its own primary burner. There is one (1) secondary chamber containing one (1) auxiliary burner.

The facility is subject to 6 NYCRR Subpart 219-4. This subpart is newly adopted, as it recently replaced the previously existing subpart, effective March 14, 2020. The cremation unit is subject to requirements for an "Existing Cremation Unit" as defined in the subpart, as the application was received before the effective date.

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

Permit Administrator: KEVIN A KISPERT
 SUNY @ STONY BROOK
 50 CIRCLE RD
 STONY BROOK, NY 11790

Authorized Signature: _____ Date: ___ / ___ / _____

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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.

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Facility Level

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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 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.

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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 1

HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

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

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

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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: LEGACY PET CREMATORY INC
21 EADS ST
WEST BABYLON, NY 11704

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Facility: LEGACY PET CREMATORY INC
21 EADS ST
WEST BABYLON, NY 11704

Authorized Activity By Standard Industrial Classification Code:
7261 - FUNERAL SERVICE AND CREMATORIES

Permit Effective Date: 04/24/2020

Permit Expiration Date: 04/23/2030

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EU=1-BL000

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FEDERALLY ENFORCEABLE CONDITIONS

FINAL

**** 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,

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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: 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 F: 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 G: 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 H: Proof of Eligibility for Sources Defined as Trivial

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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 I: 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 J: 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 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)

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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: Visible Emissions Limited
Effective between the dates of 04/24/2020 and 04/23/2030

Applicable Federal Requirement: 6 NYCRR 211.2

Item 1.1:

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.

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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 by 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 be demonstrated 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 permitted facility causing the emergency was at the time being properly operated and maintained;

(3) During the period of the emergency the facility owner 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 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 or operator seeking to establish the occurrence of an emergency has the burden of proof.

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

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

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records.

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Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

Item C: 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 2: Contaminant List
Effective between the dates of 04/24/2020 and 04/23/2030

Applicable State Requirement: ECL 19-0301

Item 2.1:
 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 3: Malfunctions and start-up/shutdown activities
Effective between the dates of 04/24/2020 and 04/23/2030

Applicable State Requirement: 6 NYCRR 201-1.4

Item 3.1:

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(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 malfunctions, 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 department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, 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 stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and 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. 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, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the 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 4: Emission Unit Definition
Effective between the dates of 04/24/2020 and 04/23/2030

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 4.1:

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

Emission Unit: 1-BL000

Emission Unit Description:

One (1) B & L Cremation Systems Inc BLP 750 M5 animal cremator. The unit has a maximum load capacity of 750 pounds and a cremation rate of 150 pounds per hour. Its burners fire natural gas. The primary chamber is divided into five (5) sections, each with its own primary burner. There is one (1) secondary chamber containing one (1) auxiliary burner.

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Building(s): CREMATORY

Condition 5: Renewal deadlines for state facility permits
Effective between the dates of 04/24/2020 and 04/23/2030

Applicable State Requirement:6 NYCRR 201-5.2 (c)

Item 5.1:

The owner or operator of a facility having an issued state facility 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.

Condition 6: CLCPA Applicability
Effective between the dates of 04/24/2020 and 04/23/2030

Applicable State Requirement:6 NYCRR 201-5.3 (c)

Item 6.1:

Pursuant to The New York State Climate Leadership and Community Protection Act (CLCPA) and Article 75 of the Environmental Conservation Law, emission sources shall comply with regulations to be promulgated by the Department to ensure that by 2030 statewide greenhouse gas emissions are reduced by 40% of 1990 levels, and by 2050 statewide greenhouse gas emissions are reduced by 85% of 1990 levels.

Condition 7: Compliance Demonstration
Effective between the dates of 04/24/2020 and 04/23/2030

Applicable State Requirement:6 NYCRR 201-5.3 (c)

Item 7.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources
NYS Dept. of Environmental Conservation
Region 1
SUNY at Stony Brook
Building 40
Stony Brook, NY 11790-2356

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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Condition 8: Air pollution prohibited
Effective between the dates of 04/24/2020 and 04/23/2030

Applicable State Requirement:6 NYCRR 211.1

Item 8.1:

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 9: Compliance Demonstration
Effective between the dates of 04/24/2020 and 04/23/2030

Applicable State Requirement:6 NYCRR 219-4.4 (d)

Item 9.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person may combust materials other than human and animal remains, their associated containers, pathological waste, and incidental animal bedding in any cremation unit unless prior written authorization has been obtained from the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 10: Compliance Demonstration
Effective between the dates of 04/24/2020 and 04/23/2030

Applicable State Requirement:6 NYCRR 219-4.4 (e)

Item 10.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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No person may cause or allow the combustion of human and animal remains in any cremation unit unless a cremation certification form has been completed. Each cremation certification form shall contain the following information at a minimum:

- (1) The name, title, and affiliation of the person providing the remains for cremation;
- (2) An attestation signed by the person providing the remains for cremation attesting that the remains and their container do not contain materials prohibited from being combusted by 6 NYCRR Subpart 219-4;
- (3) The name and signature of the person accepting the remains for cremation; and
- (4) The date the remains were accepted for cremation.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 11: Compliance Demonstration
Effective between the dates of 04/24/2020 and 04/23/2030

Applicable State Requirement: 6 NYCRR 219-4.4 (f)

Item 11.1:

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

Emission Unit: 1-BL000

Item 11.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person may cause or allow human or animal remains to be charged at a crematory facility in excess of the manufacturer's rated hourly capacity of the cremation unit.

Parameter Monitored: FEED RATE

Upper Permit Limit: 150 pounds per hour

Monitoring Frequency: Hourly when in use

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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Condition 12: Compliance Demonstration
Effective between the dates of 04/24/2020 and 04/23/2030

Applicable State Requirement:6 NYCRR 219-4.6 (a)

Item 12.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No cremation unit subject to the requirements of 6 NYCRR Subpart 219-4 is permitted to operate unless it is operated under the onsite supervision of a person possessing a valid crematory operator certification issued by the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 13: Compliance Demonstration
Effective between the dates of 04/24/2020 and 04/23/2030

Applicable State Requirement:6 NYCRR 219-4.7 (a)

Item 13.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a crematory facility must inspect each cremation unit at that facility at least once per calendar year. The facility owner or operator shall perform all necessary repairs and routine maintenance in order to ensure that each cremation unit, monitoring device, and control device is operated and maintained in accordance with manufacturer's instructions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 14: Compliance Demonstration
Effective between the dates of 04/24/2020 and 04/23/2030

Applicable State Requirement:6 NYCRR 219-4.8 (a)

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Item 14.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a crematory facility must maintain the following records at the facility for a period of at least five years:

- (1) Continuous secondary chamber temperature monitoring records indicating the date and time of each cremation performed;
- (2) Operator training and certification records for all operators at the facility;
- (3) A record of the date, time, and cause of all malfunctions and any corrective action taken to resolve them;
- (4) A record of any maintenance performed on each cremation unit, including the annual inspection required by 6 NYCRR Section 219-4.7, and the routine replacement of parts and components; and
- (5) A copy of each cremation certification form created pursuant to 6 NYCRR Subdivision 219-4.4(e).

All records kept pursuant to this condition must be provided to the Department upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 15: Compliance Demonstration
Effective between the dates of 04/24/2020 and 04/23/2030

Applicable State Requirement: 6 NYCRR 219-4.8 (b)

Item 15.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 15.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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The owner or operator of a crematory facility must maintain the following records at the facility for the lifetime of each cremation unit installed at the facility:

- (1) Manufacturer's operating instructions for each cremation unit and any associated monitoring equipment or emissions controls; and
- (2) A copy of the most recent stack test submitted to the Department to demonstrate compliance with the requirements of 6 NYCRR Subpart 219-4.

Records kept pursuant to this condition must be provided to the Department upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 16: Compliance Demonstration
Effective between the dates of 04/24/2020 and 04/23/2030

Applicable State Requirement: 6 NYCRR 219-4.9

Item 16.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an existing cremation unit shall:

- (1) Obtain appropriate operator certifications, as described in 6 NYCRR Section 219-4.6, within 12 months of the effective date of 6 NYCRR Subpart 219-4 for each uncertified operator at the facility;
- (2) Demonstrate compliance with the requirements of 6 NYCRR Subpart 219-4 no later than 60 months from the effective date of Subpart 219-4. A demonstration of final compliance shall include the following information for each existing cremation unit:
 - (i) An emissions testing report, as described in 6 NYCRR Section 219-4.5, indicating that each existing cremation unit meets the particulate matter emission limit specified in 6 NYCRR Subdivision 219-4.3(a);

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(ii) Documentation indicating that each existing cremation unit meets the requirements of 6 NYCRR Subpart 219-4;

(iii) Documentation of the certification status of each operator at the facility.

(3) The owner or operator of an existing cremation unit may submit a written request for a single extension of the deadline described in paragraph (2) above. The request shall describe in detail the circumstances necessitating the extension and shall propose a projected final compliance date. The Department, in its sole discretion, shall approve or deny the request on a case by case basis.

For existing cremation units that cannot meet the requirements of Subpart 219-4, the owner or operator shall submit a written plan to the Department that describes the proposed schedule for the replacement or removal of the affected cremation unit. Such written plan must be submitted within 60 days of the owner or operator becoming aware that the unit cannot meet the requirements of Subpart 219-4.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

Condition 17: Emission Point Definition By Emission Unit
Effective between the dates of 04/24/2020 and 04/23/2030

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 17.1:

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

Emission Unit: 1-BL000

Emission Point: ST001

Height (ft.): 20

Diameter (in.): 42

NYTMN (km.): 4510.156 NYTME (km.): 636.122 Building: CREMATORY

Condition 18: Process Definition By Emission Unit
Effective between the dates of 04/24/2020 and 04/23/2030

Applicable State Requirement:6 NYCRR Subpart 201-5

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Item 18.1:

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

Emission Unit: 1-BL000

Process: P01

Source Classification Code: 3-15-021-01

Process Description:

Process P01 is the incineration of deceased animal remains, i.e., pet cremation.

Deceased animal remains are manually placed into the primary chamber of the cremator. The doors of the cremator are then closed. After a preheat of the afterburning chamber by the auxiliary burner, initial and supplementary combustion is provided by the natural gas-fired burners located in the primary chamber of the cremator. Once the material combustion is initiated, the rate of the combustion will be controlled by limiting both the combustion air and fuel supplied to the primary chamber through the primary burners. This process generates a highly combustible gas mixture that flows into the secondary chamber where more air is admitted to ensure further oxidation of the gases. The auxiliary burner, which also fires natural gas, is installed in the secondary chamber of the cremator to facilitate complete combustion of all gaseous materials entering this chamber.

Once the cremation process is complete, the remains are removed from the primary chamber of the cremator.

Emission Source/Control: BL001 - Incinerator

Design Capacity: 150 pounds per hour

Waste Feed Method: MANUAL DIRECT FEED

Waste Type: Crematory Waste (Including Animal Body parts and associated animal bedding only)

Condition 19: Compliance Demonstration**Effective between the dates of 04/24/2020 and 04/23/2030****Applicable State Requirement: 6 NYCRR 219-4.3 (a)****Item 19.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BL000

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 19.2:

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person may cause or allow emissions of particulates into the outdoor atmosphere from an existing cremation unit in excess of 0.08 grains per dry standard cubic foot of flue gas, corrected to seven percent oxygen.

Compliance with this condition will be demonstrated according to the stack testing requirements outlined in 6 NYCRR Section 219-4.5.

Parameter Monitored: PARTICULATES

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

Reference Test Method: EPA Reference Test Method 5

Monitoring Frequency: UPON REQUEST OF REGULATORY AGENCY

Averaging Method: Arithmetic average of stack test runs

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 20: Compliance Demonstration
Effective between the dates of 04/24/2020 and 04/23/2030

Applicable State Requirement: 6 NYCRR 219-4.4 (a)

Item 20.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BL000

Item 20.2:

Compliance Demonstration shall include the following monitoring:

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

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 cremation unit. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: EPA Reference Test Method 9

Monitoring Frequency: UPON REQUEST OF REGULATORY AGENCY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 21: Compliance Demonstration

Permit ID: 1-4720-04619/00001

Facility DEC ID: 1472004619

Effective between the dates of 04/24/2020 and 04/23/2030

Applicable State Requirement: 6 NYCRR 219-4.4 (b)

Item 21.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BL000

Item 21.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The owner or operator of a cremation unit must maintain a one-hour average temperature of at least 1600 degrees Fahrenheit in the secondary combustion chamber, with a minimum residence time for combustion gases of at least one second, at all times remains are being cremated.

The owner or operator of a cremation unit must install, operate, calibrate, and maintain, in accordance with manufacturer's instructions, instruments for continuously monitoring and recording the secondary chamber combustion temperature.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1600 degrees Fahrenheit for at least
one second for residence time

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Permit ID: 1-4720-04619/00001

Facility DEC ID: 1472004619