



**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 1-4720-00545/00008  
Effective Date: 04/13/2016 Expiration Date: 04/12/2026

Permit Issued To:XXXXXXXX X XXXXXXXX  
XXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXX

Contact: LEONARD TARZIA  
164 CABOT ST  
WEST BABYLON, NY 11704  
(631) 293-2929

Facility: PET CREMATORY AGENCY INC  
164 CABOT ST  
WEST BABYLON, NY 11704

Description:  
Pet Crematory Agency facility operates five incinerators which burn animal carcasses, animal parts, and associated animal bedding. All five (5) incinerators have been assigned to Emission Unit 1. The facility is requesting for the replacement of three of the existing incinerators as follows:

Incinerator #1 (Emission Source 000001), rated at 150 pounds per hour, is being replaced with a BLP-500 incinerator rated at 150 pounds per hour (Emission Source 0001R)

Incinerator #2 (Emission Source 000002),rated at 200 pounds per hour, will remain as is.

Incinerator #3 (Emission Source 000004), rated at 200 pounds per hour, will remain as is.

Incinerator #4 (Emission Source 000005), rated at 300 pounds per hour, will be replaced with a Therm-Tec G-30-P-1 incinerator rated at 375 pounds per hour (Emission Source 0005R)

Incinerator #5 (Emission Source 000006), rated at 300 pounds per hour, will be replaced with a Therm-Tec G-30-P-1 incinerator rated at 375 pounds per hour (Emission Source 0006R)



All five (5) incinerators are subject to 6 NYCRR 219-4 regulations. These regulations require stack testing or submittal of stack test results for particulate emissions for identical incinerators tested in New York within 60 days of the issuance of the permit and maintenance of secondary combustion temperatures of incinerators above 1800 degrees Fahrenheit. The operators of the facility are required to monitor stack opacities, inspect daily each incinerator, keep records of all inspections and monitored parameters, and submit yearly compliance reports to the Department. The facility nitrogen oxide emissions will be capped at 22.5 tons per year to avoid being subject to Title V permitting requirements pursuant to 6 NYCRR 201-6. Compliance with this cap will be demonstrated by operating the facility at the base-load operating parameters of the incinerators as determined by stack testing and utilization of emission factors.

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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:           SUSAN ACKERMAN  
  NYSDEC - REGION 1 SUNY @ STONY BROOK  
  50 CIRCLE RD  
  STONY BROOK, NY 11790-3409

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_



**Notification of Other State Permittee Obligations**

**Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification**

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

**Item B: Permittee's Contractors to Comply with Permit**

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

**Item C: Permittee Responsible for Obtaining Other Required Permits**

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

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

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



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

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

**Facility Level**

- Submission of application for permit modification or renewal -  
REGION 1 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 renewal application at least 180 days before expiration of permits for both Title V and State Facility Permits.

**Item 3.3:**

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

**Condition 4: Permit modifications, suspensions or revocations by the Department**

**Applicable State Requirement: 6 NYCRR 621.13**

**Item 4.1:**

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



suspension or revocation include:

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

**\*\*\*\* Facility Level \*\*\*\***

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



**Permit Under the Environmental Conservation Law (ECL)**

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

**IDENTIFICATION INFORMATION**

Permit Issued To:XXXXXXXX X XXXXXXXX  
XXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXX

Facility: PET CREMATORY AGENCY INC  
164 CABOT ST  
WEST BABYLON, NY 11704

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

Permit Effective Date: 04/13/2016

Permit Expiration Date: 04/12/2026



## LIST OF CONDITIONS

### FEDERALLY ENFORCEABLE CONDITIONS

#### Facility Level

- \*1 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 2 6 NYCRR 211.1: Air pollution prohibited

#### Emission Unit Level

##### EU=U-00001

- 3 6 NYCRR 219-5.4 (b): Emissions testing.

### STATE ONLY ENFORCEABLE CONDITIONS

#### Facility Level

- 4 ECL 19-0301: Contaminant List
- 5 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 6 6 NYCRR Subpart 201-5: Emission Unit Definition
- 7 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 8 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 9 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- 10 6 NYCRR 211.2: Visible Emissions Limited
- 11 6 NYCRR 219-4.11: Compliance Demonstration

#### Emission Unit Level

- 12 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 13 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

##### EU=U-00001

- 14 6 NYCRR Subpart 201-5: General Provisions
- 15 6 NYCRR 219-4.3: Compliance Demonstration
- 16 6 NYCRR 219-4.5 (a): Compliance Demonstration
- 17 6 NYCRR 219-4.5 (b): Compliance Demonstration
- 18 6 NYCRR 219-4.5 (b): Compliance Demonstration
- 19 6 NYCRR 219-4.6: This section describes other wastes that can and can not be burned in a crematory.
- 20 6 NYCRR 219-4.8: Stack Testing requirements
- 21 6 NYCRR 219-4.10: Operator training and certification requirements.

NOTE: \* preceding the condition number indicates capping.





**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: 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: Capping Monitoring Condition**



Effective between the dates of 04/13/2016 and 04/12/2026

Applicable Federal Requirement:6 NYCRR Subpart 201-7

**Item 1.1:**

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

6 NYCRR Subpart 201-6

**Item 1.2:**

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

**Item 1.3:**

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

**Item 1.4:**

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

**Item 1.5:**

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

**Item 1.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 1.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Oxides of nitrogen emissions from the facility are limited to 22.5 tons per year. This shall be demonstrated by monitoring and operating combustion process parameters

**New York State Department of Environmental Conservation**

Permit ID: 1-4720-00545/00008

Facility DEC ID: 1472000545



at the base-load operating conditions as determined from stack testing and utilization of these conditions with appropriate emission factors.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 22.5 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**Condition 2: Air pollution prohibited**  
**Effective between the dates of 04/13/2016 and 04/12/2026**

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 2.1:**

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

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

**Condition 3: Emissions testing.**  
**Effective between the dates of 04/13/2016 and 04/12/2026**

**Applicable Federal Requirement:6 NYCRR 219-5.4 (b)**

**Item 3.1:**

This Condition applies to Emission Unit: U-00001

**Item 3.2:**

The incinerator must be tested using emissions tests acceptable to the commissioner. Units which are representative models may be tested instead of an actual installation, using emission tests acceptable to the commissioner.



**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 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. 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 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 04/13/2016 and 04/12/2026**



**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

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

**Condition 5: Malfunctions and start-up/shutdown activities  
Effective between the dates of 04/13/2016 and 04/12/2026**

**Applicable State Requirement:6 NYCRR 201-1.4**

**Replaces Condition(s) 5**

**Item 5.1:**

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

(b) The facility owner or operator shall compile and maintain records of all equipment 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





**New York State Department of Environmental Conservation**

Permit ID: 1-4720-00545/00008

Facility DEC ID: 1472000545



**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: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2017.

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

**Condition 9: Facility Permissible Emissions**  
**Effective between the dates of 04/13/2016 and 04/12/2026**

**Applicable State Requirement:6 NYCRR Subpart 201-7**

**Item 9.1:**

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

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

CAS No: 0NY210-00-0

PTE: 45,000 pounds per year

Name: OXIDES OF NITROGEN

**Condition 10: Visible Emissions Limited**  
**Effective between the dates of 04/13/2016 and 04/12/2026**

**Applicable State Requirement:6 NYCRR 211.2**

**Item 10.1:**

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 11: Compliance Demonstration**  
**Effective between the dates of 04/13/2016 and 04/12/2026**

**Applicable State Requirement:6 NYCRR 219-4.11**

**Replaces Condition(s) 1-8, 16**

**Item 11.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 11.2:**



Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of a crematory facility must annually inspect the facility and submit a written report to the department, certifying that the condition and operation of the facility, including the calibration of all instrumentation, meets manufacturer's specifications.

Monitoring Frequency: ANNUALLY  
Reporting Requirements: ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 1/30/2017.  
Subsequent reports are due every 12 calendar month(s).

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

**Condition 12: Emission Point Definition By Emission Unit**  
**Effective between the dates of 04/13/2016 and 04/12/2026**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 12.1:**

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

Emission Unit:	U-00001		
Emission Point:	00001		
Height (ft.):	34	Diameter (in.):	21
NYTMN (km.):	4507.5	NYTME (km.):	636.8
		Building:	MAIN
Emission Point:	00002		
Height (ft.):	34	Diameter (in.):	21
NYTMN (km.):	4507.5	NYTME (km.):	636.8
		Building:	MAIN
Emission Point:	00004		
Height (ft.):	34	Diameter (in.):	21
NYTMN (km.):	4507.5	NYTME (km.):	636.8
		Building:	MAIN
Emission Point:	00005		
Height (ft.):	34	Diameter (in.):	21
NYTMN (km.):	4507.5	NYTME (km.):	636.8
		Building:	MAIN
Emission Point:	00006		
Height (ft.):	34	Diameter (in.):	21
NYTMN (km.):	4507.5	NYTME (km.):	636.8
		Building:	MAIN

**Condition 13: Process Definition By Emission Unit**  
**Effective between the dates of 04/13/2016 and 04/12/2026**



**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 13.1:**

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

Emission Unit: U-00001

Process: 001

Source Classification Code: 5-02-001-01

Process Description:

This process involves the incineration of animal carcasses, animal parts, and associated animal bedding. The burners of the incinerators are fueled with natural gas.

Emission Source/Control: 00002 - Incinerator

Design Capacity: 200 pounds per hour

Waste Feed Method: AUTOMATIC RAM FEED

Waste Type: CREMATORY WASTE (INCLUDING HUMAN AND/OR ANIMAL BODY PARTS AND ASSOCIATED ANIMAL BEDDING) ONLY

Emission Source/Control: 00004 - Incinerator

Design Capacity: 200 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: 0001R - 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)

Emission Source/Control: 0005R - Incinerator

Design Capacity: 375 pounds per hour

Waste Feed Method: MANUAL DIRECT FEED

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

Emission Source/Control: 0006R - Incinerator

Design Capacity: 375 pounds per hour

Waste Feed Method: MANUAL DIRECT FEED

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

**Condition 14: General Provisions**

**Effective between the dates of 04/13/2016 and 04/12/2026**



**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 14.1:**

This Condition applies to Emission Unit: U-00001

**Item 14.2:**

This section of the permit contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

**Item 14.3:**

Any person who owns and/or operates emission sources subject to this permit shall operate and maintain all emission sources and required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate 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 control devices may be sufficient reason for the Department to revoke or deny a permit.

**Item 14.4:**

The owner or operator of the emission sources subject to this permit 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 during normal operating hours, for the purpose of determining compliance with this and any other state or federal air pollution control requirements, regulations or law.

**Condition 15: Compliance Demonstration**  
**Effective between the dates of 04/13/2016 and 04/12/2026**

**Applicable State Requirement:6 NYCRR 219-4.3**

**Replaces Condition(s) 1-3, 11**

**Item 15.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

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

**Item 15.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The permittee has demonstrated initial compliance with the standards in this Subpart for incinerator #1 (BLP-500) rated at 150 pounds per hour; and incinerators #4 and #5 (Therm-Tec-G30) rated at 375 pounds per

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hour by the submittal of test reports for identical incinerators tested in New York and approved by the commissioner.

Any additional testing shall follow a stack test protocol approved by the Department and a stack test report shall be submitted to the Department within 60 days of the test.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.08 grains per dry standard cubic foot (corrected to 7% O<sub>2</sub>)

Reference Test Method: EPA Method 5

Monitoring Frequency: SINGLE OCCURRENCE

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 16: Compliance Demonstration**  
**Effective between the dates of 04/13/2016 and 04/12/2026**

**Applicable State Requirement:6 NYCRR 219-4.5 (a)**

**Replaces Condition(s) 1-5, 13**

**Item 16.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

**Item 16.2:**

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 ten percent or greater from any crematory.

Parameter Monitored: OPACITY

Upper Permit Limit: 10 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: DAILY

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 17: Compliance Demonstration**  
**Effective between the dates of 04/13/2016 and 04/12/2026**

**Applicable State Requirement:6 NYCRR 219-4.5 (b)**

**Item 17.1:**

The Compliance Demonstration activity will be performed for:

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**Item 17.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

No person may operate a crematory unless the primary chamber temperature is maintained at 1400 degrees Fahrenheit at all times waste is being burned.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1400 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 18: Compliance Demonstration**  
**Effective between the dates of 04/13/2016 and 04/12/2026**

**Applicable State Requirement:6 NYCRR 219-4.5 (b)**

**Item 18.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00001

**Item 18.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

No person may operate a crematory unless the secondary chamber temperature is maintained at 1800 degrees Fahrenheit at all times waste is being burned.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1800 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 19: This section describes other wastes that can and can not be burned in a crematory.**

**Effective between the dates of 04/13/2016 and 04/12/2026**

**Applicable State Requirement:6 NYCRR 219-4.6**

**Item 19.1:**



This Condition applies to Emission Unit: U-00001

**Item 19.2:**

- (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.

**Condition 20: Stack Testing requirements**  
**Effective between the dates of 04/13/2016 and 04/12/2026**

**Applicable State Requirement:6 NYCRR 219-4.8**

**Replaces Condition(s) 1-7, 15**

**Item 20.1:**

This Condition applies to Emission Unit: U-00001

**Item 20.2:**

- (a) Each incinerator to be installed in a crematory facility must demonstrate compliance 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.
- (b) A test protocol, including the configuration of breaching, stack and test port locations and test methods must be submitted for the commissioner's approval at least 30 days prior to stack testing.
- (c) Witnessing of all stack tests by the commissioner's representative is required. Results of any stack test done in the absence of an approved protocol, or which is not witnessed, will not be accepted.
- (d) Three copies of the stack test report must be submitted by the permittee to the commissioner within 60 days after completion of the tests, in accordance with Part 202.

**Condition 21: Operator training and certification requirements.**  
**Effective between the dates of 04/13/2016 and 04/12/2026**

**Applicable State Requirement:6 NYCRR 219-4.10**

**Item 21.1:**

This Condition applies to Emission Unit: U-00001





**Item 21.2:**

(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.

