

New York State Department of Environmental Conservation
Facility DEC ID: 8269900059



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 8-2699-00059/00027
Mod 0 Effective Date: 01/01/2005 Expiration Date: No expiration date.
Mod 1 Effective Date: 03/08/2006 Expiration Date: No expiration date.
Mod 2 Effective Date: 07/23/2007 Expiration Date: No expiration date.

Permit Issued To: UNIVERSITY OF ROCHESTER
WILSON BOULEVARD
WALLIS HALL
ROCHESTER, NY 14627

Facility: UNIVERSITY OF ROCHESTER
390 ELMWOOD AVE
ROCHESTER, NY 14627

Contact: MARVIN R STILLMAN
UNIVERSITY OF ROCHESTER
520 INTERCAMPUS DR
ROCHESTER, NY 14627
(585) 275-2056

Description:

This is the second modification (Mod 2) of the Air State Facility Permit issued January 1, 2005. It authorizes the addition of a previously exempt gasoline storage tank emission unit, due to annual throughput exceeding 120,000 gallons, and requires vapor control. Mod 2 is a minor modification. It involves no change to facility emissions or the permit conditions which restrict facility potentials to emit NOX and SO2. NOX and SO2 emissions continue to be limited by facility fuel use restrictions to below the 100 ton per year applicability thresholds cited below.

Mod 1, effective March 8, 2006, was an Administrative Permit Amendment to the Initial Air State Facility Permit effective January 1, 2005. It was a correction of opacity monitoring requirements, to reflect that continuous opacity monitoring of boiler emissions is required only when distillate oil is being burned, rather than when either oil or natural gas is the fuel.

The initial Air State Facility Permit, for the University Campus, Hospital Medical Center, and associated Power Plant, replaced a Title V Permit, and included permit conditions to restrict facility emissions to levels below thresholds in 6 NYCRR Part 201-6 (Title V), Part 231-2 New Source Review in Nonattainment Areas and Ozone Transport Regions, and 40 CFR 52-A.21 Prevention of Significant



New York State Department of Environmental Conservation
Facility DEC ID: 8269900059

Deterioration (PSD).

Facility Emission Units (EU) include:

EU 0-00002, a multiple chamber incinerator for cremation of animal remains and bedding;
EU 0-00008, a multiple chamber retort incinerator for cremation of human remains;
EU 0-00010, an incinerator permanently shut down;
EU B-OILR1, a coal fired boiler permanently shut down;
EU B-OILRS, four boilers capable of burning either natural gas or #2 fuel oil, and a single #2 fuel oil fired boiler, the newest boiler being a cogeneration unit providing power and steam for the University.

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: DAVID L BIMBER
 DIVISION OF ENVIRONMENTAL PERMITS
 6274 EAST AVON LIMA RD
 AVON, NY 14414-9519

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 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 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 8

HEADQUARTERS

Submission of application for permit modification or renewal-REGION 8

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 2-1: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6NYCRR 621.11

Item 2-1.1:

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 2-1.2:

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 2-1.3:

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



New York State Department of Environmental Conservation
Facility DEC ID: 8269900059

actual transfer of ownership.

Condition 3: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 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 2-2: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6NYCRR 621.13

Item 2-2.1:

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: 6NYCRR 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,

New York State Department of Environmental Conservation
Facility DEC ID: 8269900059



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 8 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 8 Headquarters
Division of Environmental Permits
6274 Avon-Lima Road
Avon, NY 14414-9519
(716) 226-2466

Condition 2-3: Submission of application for permit modification or renewal-REGION 8 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.6(a)

Item 2-3.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 8 Headquarters
Division of Environmental Permits
6274 Avon-Lima Road
Avon, NY 14414-9519
(716) 226-2466

New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: UNIVERSITY OF ROCHESTER
WILSON BOULEVARD
WALLIS HALL
ROCHESTER, NY 14627

Facility: UNIVERSITY OF ROCHESTER
390 ELMWOOD AVE
ROCHESTER, NY 14627

Authorized Activity By Standard Industrial Classification Code:
8221 - COLLEGES AND UNIVERSITIES, NEC

Mod 0 Permit Effective Date: 01/01/2005

Permit Expiration Date: No expiration date.

Mod 1 Permit Effective Date: 03/08/2006

Permit Expiration Date: No expiration date.

Mod 2 Permit Effective Date: 07/23/2007

Permit Expiration Date: No expiration date.



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 4 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 1-1 6NYCRR 201-7.2: Facility Permissible Emissions
- *1-2 6NYCRR 201-7.2: Capping Monitoring Condition
- 1 6NYCRR 225-1.2(a)(2): Compliance Demonstration
- 2 6NYCRR 225-1.8: Compliance Demonstration
- 3 40CFR 82, Subpart B: Servicing of Motor Vehicle Air Conditioners (MVAC)
- 5 40CFR 82, Subpart F: Recycling and Emissions Reduction

Emission Unit Level

EU=0-00008

- 6 6NYCRR 219-5.2(a): Particulate matter limitation.
- 7 6NYCRR 219-5.5: Abatement

EU=0-00008,EP=00008,Proc=008

- 8 6NYCRR 219-5.3(a): Compliance Demonstration

EU=0-00010

- 9 6NYCRR 231-2.6: Past Reduction From An Emission Unit Shutdown

EU=B-OILR1

- 10 6NYCRR 231-2.6: Past Reduction From An Emission Unit Shutdown

EU=B-OILRS

- 11 6NYCRR 227-1.3: Compliance Demonstration
- 12 6NYCRR 231-2.6: Past Reduction by Over Control/Source Reduction

EU=B-OILRS,Proc=901,ES=OBLR9

- 13 40CFR 60.49b, NSPS Subpart Db: Recordkeeping and reporting requirements.

EU=B-OILRS,Proc=902

- 14 40CFR 60.43b(b), NSPS Subpart Db: Compliance Demonstration
- 1-3 40CFR 60.48b(a), NSPS Subpart Db: Compliance Demonstration

EU=B-OILRS,Proc=902,ES=OBLR9

- 15 40CFR 60.42b(j), NSPS Subpart Db: Demonstration criteria for low sulfur oil.
- 16 40CFR 60.49b, NSPS Subpart Db: Recordkeeping and reporting requirements.

EU=B-OILRS,EP=00009

- 17 40CFR 60.8(b), NSPS Subpart A: Performance test methods.



New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059

- 18 40CFR 60.43b(f), NSPS Subpart Db: Compliance Demonstration
- 19 40CFR 60.43b(g), NSPS Subpart Db: Particulate matter and opacity exemption.
- 20 40CFR 60.46b, NSPS Subpart Db: Compliance and performance methods for oxides of nitrogen and particulate matter.

EU=T-ANK05

- 2-1 6NYCRR 230.2(a)(1): No gasoline transfer allowed at sites without Stage I controls installed, if required at that site.

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 22 ECL 19-0301: Contaminant List
- 23 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 24 6NYCRR 201-5: Emission Unit Definition
- 25 6NYCRR 201-5.4: Compliance Demonstration
- 28 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 29 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 30 6NYCRR 201-5: Process Definition By Emission Unit

EU=0-00002

- 31 6NYCRR 219-4.4: This section describes design requirements for crematories and pathological incinerators.
- 32 6NYCRR 219-4.5(a): Compliance Demonstration
- 33 6NYCRR 219-4.6: This section describes other wastes that can and can not be burned in a crematory.
- 34 6NYCRR 219-4.10: Operator training and certification requirements.
- 35 6NYCRR 219-4.11: Inspection and Reporting requirements.

EU=0-00002,Proc=002,ES=00VII

- 36 6NYCRR 219-4.3: Compliance Demonstration

EU=0-00002,EP=00002,Proc=002

- 37 6NYCRR 219-4.7: Compliance Demonstration
- 38 6NYCRR 219-4.7: Compliance Demonstration

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 - 6NYCRR Part 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 - 6NYCRR Part 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 - 6NYCRR Part 200.7

Any person who owns or operates an air contamination

New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059



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 - 6NYCRR Part 201-1.2

If an existing emission source was subject to the permitting requirements of 6NYCRR 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 - 6NYCRR Part 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



New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059

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 - 6NYCRR Part 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 - 6NYCRR Part 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 Part 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 Part 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



New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059

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 Part 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 6NYCRR Part 202-1.

Item K: Visible Emissions Limited - 6 NYCRR Part 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 - 6 NYCRR Part 215

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

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

New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059



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 4: Recycling and Emissions Reduction
Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 4.1:

The permittee shall comply with all applicable provisions of 40 CFR Part 82.

Condition 1-1: Facility Permissible Emissions
Effective between the dates of 03/08/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 2-1.1:

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: 007446-09-5 (From Mod 2) PTE: 196,000 pounds per year

Name: SULFUR DIOXIDE



New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059

CAS No: 0NY210-00-0 (From Mod 2) PTE: 196,000 pounds per year
Name: OXIDES OF NITROGEN

Condition 1-2: Capping Monitoring Condition
Effective between the dates of 03/08/2006 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7.2

Item 1-2.1:

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:

6NYCRR 201-6.1(a)
6NYCRR 231-2
40CFR 52-A.21

Item 1-2.2:

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

Item 1-2.3:

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 1-2.4:

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 1-2.5:

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 1-2.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 007446-09-5 SULFUR DIOXIDE
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059



Item 1-2.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility emissions of oxides of nitrogen and sulfur dioxide will each be limited to 98 tons per year on a twelve month rolling basis. These limits will effectively cap all pollutants emitted from the facility below any major source thresholds. Compliance will be demonstrated through the tracking of monthly fuel use and calculating emissions using emission factors based on stack testing or otherwise approved by the Department.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 1: Compliance Demonstration
Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225-1.2(a)(2)

Item 1.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 1.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person shall use, purchase, sell or offer to sell any distillate fuel oil which has a sulfur content greater than the limit presented below. A log of the sulfur content in oil per delivery must be maintained on-site for a minimum of five years after the date of the last entry.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.5 percent by weight

Monitoring Frequency: PER DELIVERY



New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 2: Compliance Demonstration

Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 225-1.8

Item 2.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 2.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner or operator of a facility which purchases and fires coal and/or oil shall submit reports to the commissioner containing fuel analysis data, information on the quantity of the fuel received, burned, and results of any stack sampling, stack monitoring and any other procedures to ensure compliance with the provisions of 6 NYCRR Part 225-1. All records shall be available for a minimum of three years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 3: Servicing of Motor Vehicle Air Conditioners (MVAC)

Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 82, Subpart B

Item 3.1:

If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant.

Condition 5: Recycling and Emissions Reduction



New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059

Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 5.1:

The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVAC's in Subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR Part 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR Part 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR Part 82.161.
- d. Persons disposing of small appliances, MVAC's, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR Part 82.166. ("MVAC-like appliance as defined at 40 CFR Part 82.152)
- e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR Part 82.156.
- f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR Part 82.166.

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

Condition 6: Particulate matter limitation.

Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 219-5.2(a)

Item 6.1:

This Condition applies to Emission Unit: 0-00008

Item 6.2:

The incinerator must be operated to meet the particulate matter emission limits of Figure 1, Appendix 2 of 6NYCRR Part 219.

Condition 7: Abatement

Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 219-5.5



New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059

Item 7.1:

This Condition applies to Emission Unit: 0-00008

Item 7.2:

(a) Where the commissioner has reason to believe that an incinerator installation is violating the emission standards of section 219-5.2 of 6NYCRR, Subpart 219-5, the commissioner may have tests conducted. The owner must provide, at the owner's own expense, sampling holes and pertinent allied facilities as needed, at the request of the commissioner.

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

(c) The Commissioner 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 6NYCRR Subpart 219-5.

(d) The Commissioner may order a change in the manner of operation of any incinerator which is operated so as to cause a violation of 6NYCRR Subpart 219-5.

Condition 8: Compliance Demonstration
Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 219-5.3(a)

Item 8.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00008 Emission Point: 00008
Process: 008

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

Item 8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Opacity emissions will be monitored by occasional, random observation of visible emissions from the stack or as otherwise required by the Department. All observations will be recorded and available for review by the Department for a minimum of five years.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: Method 9



New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 9: Past Reduction From An Emission Unit Shutdown
Effective between the dates of 01/01/2005 and Permit Expiration Date**

Applicable Federal Requirement: 6NYCRR 231-2.6

Item 9.1:

This Condition applies to Emission Unit: 0-00010

Item 9.2:

Emission Unit ID Number: 00010

1. The above-referenced emission unit at this facility is prohibited from further operation.
2. The facility has established 4 (four) tons per year (tpy) of oxides of nitrogen emission reduction credits by the shutdown of the above-referenced emission unit.

**Condition 10: Past Reduction From An Emission Unit Shutdown
Effective between the dates of 01/01/2005 and Permit Expiration Date**

Applicable Federal Requirement: 6NYCRR 231-2.6

Item 10.1:

This Condition applies to Emission Unit: B-OILR1

Item 10.2:

Emission Unit ID Number: BOILR1

1. The above-referenced emission unit at this facility is prohibited from further operation.
2. The facility has established 24.7 tons per year (tpy) of oxides of nitrogen emission reduction credits by the shutdown of the above-referenced emission unit.

**Condition 11: Compliance Demonstration
Effective between the dates of 01/01/2005 and Permit Expiration Date**

Applicable Federal Requirement: 6NYCRR 227-1.3

Item 11.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILRS

New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059



Item 11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil-fired boilers which are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

1) Observe the stack for each boiler which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- date and time of day
- observer's name
- identity of emission point
- weather condition
- was a plume observed?

Inclement weather conditions shall be recorded for those days when observations are prohibited. This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence.

The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

** NOTE ** Steam plumes generally form after leaving the



New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059

top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 12: Past Reduction by Over Control/Source Reduction
Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 231-2.6

Item 12.1:

This Condition applies to Emission Unit: B-OILRS

Item 12.2:

The facility has established 80.4 tpy and 50.1 tpy of oxides of nitrogen emission reduction credits from former emission units BOILR6 and BOILR7, respectively, by capping the combined annual emissions at 99 tpy for the two units. This cap was established in the prior Title V permit for this facility. These units have been redesignated as emission sources OBLR6 (boiler #6) and OBLR7 (boiler #7). This cap has been superseded by this permit's facility level NOx cap of 98 tpy.

Condition 13: Recordkeeping and reporting requirements.
Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.49b, NSPS Subpart Db

Item 13.1:

This Condition applies to Emission Unit: B-OILRS

Process: 901

Emission Source: OBLR9

Item 13.2:

This facility is subject to the provisions of Subpart Db. Therefore, the facility must meet the record keeping and reporting requirements of section 40 CFR 60.49b.

Condition 14: Compliance Demonstration
Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.43b(b), NSPS Subpart Db

New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059



Item 14.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILRS

Process: 902

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from the combustion of oil or mixtures of oil with other fuels shall not exceed 0.10 pounds per million Btu heat input. Compliance with this standard shall be determined using the methods specified in section 40CFR60-Db.46b

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: 40 CFR 60 App A

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 1-3: Compliance Demonstration

Effective between the dates of 03/08/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.48b(a), NSPS Subpart Db

Replaces Condition(s) 21

Item 1-3.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILRS

Process: 902

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-3.2:

Compliance Demonstration shall include the following monitoring:



New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059

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

Monitoring Description:

The owner or operator shall install, calibrate, maintain and operate a continuous monitoring system for measuring the opacity of emissions discharged to the atmosphere while distillate oil is being burned and record the output of the system.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

Condition 15: Demonstration criteria for low sulfur oil.
Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.42b(j), NSPS Subpart Db

Item 15.1:

This Condition applies to Emission Unit: B-OILRS
Process: 902 Emission Source: OBLR9

Item 15.2:

Affected facilities which fire very low sulfur oil shall demonstrate that the oil meets the definition of very low sulfur oil by:

1) Following the performance testing procedures in subdivision 60.45b(c) or subdivision 60.45b(d) and following monitoring procedures in subdivision 60.47b(a) or in subdivision 60.47b(b) to determine SO₂ emission rate or fuel oil sulfur content; or

2) Maintaining fuel receipts as described in subdivision 60.49b(r).

Condition 16: Recordkeeping and reporting requirements.
Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.49b, NSPS Subpart Db

Item 16.1:

This Condition applies to Emission Unit: B-OILRS
Process: 902 Emission Source: OBLR9

Item 16.2:



New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059

This facility is subject to the provisions of Subpart Db. Therefore, the facility must meet the record keeping and reporting requirements of section 40 CFR 60.49b.

Condition 17: Performance test methods.

Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.8(b), NSPS Subpart A

Item 17.1:

This Condition applies to Emission Unit: B-OILRS Emission Point: 00009

Item 17.2:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in this part or by alternative methods and procedures approved by the Administrator.

Condition 18: Compliance Demonstration

Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.43b(f), NSPS Subpart Db

Item 18.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILRS Emission Point: 00009

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 18.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The owner or operator shall not cause to be discharged into the atmosphere any gases that exhibit greater than 20 percent opacity (6 minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2005.



New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059

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

Condition 19: Particulate matter and opacity exemption.
Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.43b(g), NSPS Subpart Db

Item 19.1:

This Condition applies to Emission Unit: B-OILRS Emission Point: 00009

Item 19.2:

The particulate matter and opacity standards shall apply at all times, except during periods of startup, shutdown, or malfunction.

Condition 20: Compliance and performance methods for oxides of nitrogen and particulate matter.
Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.46b, NSPS Subpart Db

Item 20.1:

This Condition applies to Emission Unit: B-OILRS Emission Point: 00009

Item 20.2:

Compliance with both the oxides of nitrogen and particulate matter standards shall be determined using the methods specified in section 40 CFR 60-Db.46b.

Condition 2-1: No gasoline transfer allowed at sites without Stage I controls installed, if required at that site.
Effective between the dates of 07/23/2007 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 230.2(a)(1)

Item 2-1.1:

This Condition applies to Emission Unit: T-ANK05

Item 2-1.2:

No person may transfer or allow the transfer of gasoline into storage tanks at gasoline dispensing sites whose annual throughput exceeds 120,000 gallons, unless the site has been properly registered pursuant to section 230.7 of 6 NYCRR Part 230 and the gasoline storage tank is equipped with:

- i. a stage I vapor collection system consisting of a vapor-tight return line from the storage tank, or its vent, to the gasoline transport vehicle;
- ii. a properly installed on-site vapor control system connected to a vapor collection system; or
- iii. an equivalent control system.



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 - 6NYCRR Part 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

New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059



law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 22: Contaminant List

Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 22.1:

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

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

Condition 23: Unavoidable noncompliance and violations

Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-1.4

Item 23.1:

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.

New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059



(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 superseded 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 24: Emission Unit Definition
Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 24.1(From Mod 2):

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

Emission Unit: T-ANK05

Emission Unit Description:

Xerxes 4000 gallon unleaded gasoline UST at the
University of Rochester Wilson Boulevard maintenance
garage.

Building(s): M-GARG

Item 24.2(From Mod 0):

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

Emission Unit: 0-00002

Emission Unit Description:

THIS UNIT DESIGNATION CONSISTS OF A

New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059



MULTIPLE CHAMBER INCINERATOR USED FOR THE
CREMATION OF ANIMAL REMAINS AND BEDDING.

Building(s): S-WING

Item 24.3(From Mod 0):

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

Emission Unit: 0-00008

Emission Unit Description:

THIS UNIT DESIGNATION CONSISTS OF A
MULTIPLE CHAMBER, RETORT INCINERATOR USED
FOR THE CREMATION OF HUMAN REMAINS.

Building(s): S-WING

Item 24.4(From Mod 0):

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

Emission Unit: 0-00010

Emission Unit Description:

Incinerator permanently shut down December 7, 1997.

Item 24.5(From Mod 0):

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

Emission Unit: B-OILR1

Emission Unit Description:

Coal fired boiler permanently shut down August 1, 1998.

Item 24.6(From Mod 1):

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

Emission Unit: B-OILRS

Emission Unit Description:

THIS UNIT DESIGNATION CONSISTS OF ALL
BOILERS AT THE UNIVERSITY OF ROCHESTER
CENTRAL UTILITIES PLANT. BOILER #5, BOILER
#6, BOILER #7, AND BOILER #9 HAVE DUAL
CAPABILITY THAT CAN FIRE EITHER NATURAL GAS
OR #2 OIL. BOILER #3 IS A #2 OIL FIRED
BOILER.

Building(s): CU

Condition 25: Compliance Demonstration

Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5.4

Item 25.1:



New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059

The Compliance Demonstration activity will be performed for the Facility.

Item 25.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

MODIFICATIONS AND OPERATIONAL FLEXIBILITY

Permit modifications and physical or operational changes at this facility are subject to the procedures found in 6NYCRR Part 201-5.4, paragraphs (a) and (b).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 28: Air pollution prohibited

Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 211.2

Item 28.1:

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 29: Emission Point Definition By Emission Unit

Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 29.1(From Mod 2):

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

Emission Unit: T-ANK05

Emission Point: 00011

Height (ft.): 27

Diameter (in.): 2



New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059

NYTMN (km.): 4777.821 NYTME (km.): 286.229 Building: M-GARG

Item 29.2(From Mod 0):

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

Emission Unit: 0-00002

Emission Point: 00002

Height (ft.): 114

Diameter (in.): 18

NYTMN (km.): 4777.821 NYTME (km.): 286.229 Building: S-WING

Item 29.3(From Mod 0):

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

Emission Unit: 0-00008

Emission Point: 00008

Height (ft.): 104

Diameter (in.): 20

NYTMN (km.): 4777.721 NYTME (km.): 286.229 Building: S-WING

Item 29.4(From Mod 1):

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

Emission Unit: B-OILRS

Emission Point: 00003

Height (ft.): 98

Diameter (in.): 48

NYTMN (km.): 4778.221 NYTME (km.): 286.129 Building: CU

Emission Point: 00005

Height (ft.): 98

Diameter (in.): 60

NYTMN (km.): 4778.221 NYTME (km.): 286.129 Building: CU

Emission Point: 00006

Height (ft.): 98

Diameter (in.): 60

NYTMN (km.): 4778.221 NYTME (km.): 286.129 Building: CU

Emission Point: 00007

Height (ft.): 98

Diameter (in.): 60

NYTMN (km.): 4778.221 NYTME (km.): 286.129 Building: CU

Emission Point: 00009

Height (ft.): 98

Diameter (in.): 72

NYTMN (km.): 4778.221 NYTME (km.): 286.129 Building: CU

Condition 30: Process Definition By Emission Unit

Effective between the dates of 01/01/2005 and Permit Expiration Date

New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059



Applicable State Requirement: 6NYCRR 201-5

Item 30.1(From Mod 2):

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

Emission Unit: T-ANK05

Process: 005

Source Classification Code: 4-06-003-07

Process Description:

Unloading and dispensing of unleaded gasoline for
University of Rochester campus vehicles.

Emission Source/Control: VPR01 - Control

Control Type: VAPOR COLLECTION (STAGE 1)

Emission Source/Control: TANK5 - Process

Design Capacity: 4,000 gallons

Item 30.2(From Mod 0):

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

Emission Unit: 0-00002

Process: 002

Source Classification Code: 5-01-005-05

Process Description:

THE VIVARIAN IS A MULTIPLE CHAMBER
INCINERATOR FOR PATHOLOGICAL WASTE. THE
UNIT IS EQUIPPED WITH TWO BURNERS FIRED BY
NATURAL GAS.

Emission Source/Control: 00V11 - Incinerator

Design Capacity: 290 pounds per hour

Waste Feed Method: MANUAL DIRECT FEED

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

Item 30.3(From Mod 0):

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

Emission Unit: 0-00008

Process: 008

Source Classification Code: 5-01-005-05

Process Description:

THE CREMATORIUM IS A MULTIPLE CHAMBER,
RETORT INCINERATOR FOR THE CREMATION OF
PATHOLOGICAL WASTE. THE UNIT IS EQUIPPED
WITH TWO BURNERS FIRED BY NATURAL GAS.



New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059

Emission Source/Control: 00CI1 - Incinerator
Design Capacity: 300 pounds per hour
Waste Feed Method: MANUAL DIRECT FEED
Waste Type: CREMATORY WASTE (INCLUDING HUMAN
AND/OR ANIMAL BODY PARTS AND
ASSOCIATED ANIMAL BEDDING) ONLY

Item 30.4(From Mod 1):

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

Emission Unit: B-OILRS
Process: 302 Source Classification Code: 1-03-005-01
Process Description: BOILER #3 BURNING #2 OIL

Emission Source/Control: OBLR3 - Combustion
Design Capacity: 95 million Btu per hour

Item 30.5(From Mod 1):

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

Emission Unit: B-OILRS
Process: 501 Source Classification Code: 1-03-006-01
Process Description: BOILER #5 BURNING NATURAL GAS.

Emission Source/Control: OBLR5 - Combustion
Design Capacity: 122.2 million Btu per hour

Item 30.6(From Mod 1):

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

Emission Unit: B-OILRS
Process: 502 Source Classification Code: 1-03-005-01
Process Description: BOILER #5 BURNING #2 OIL.

Emission Source/Control: OBLR5 - Combustion
Design Capacity: 122.2 million Btu per hour

Item 30.7(From Mod 1):

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

Emission Unit: B-OILRS
Process: 601 Source Classification Code: 1-03-006-01
Process Description: BOILER #6 BURNING NATURAL GAS.

Emission Source/Control: OBLR6 - Combustion
Design Capacity: 192 million Btu per hour



New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059

Emission Source/Control: 00LNB - Control
Control Type: LOW NOx BURNER

Item 30.8(From Mod 1):

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

Emission Unit: B-OILRS
Process: 602 Source Classification Code: 1-03-005-01
Process Description: BOILER #6 BURNING #2 OIL.

Emission Source/Control: OBLR6 - Combustion
Design Capacity: 192 million Btu per hour

Emission Source/Control: 00LNB - Control
Control Type: LOW NOx BURNER

Item 30.9(From Mod 1):

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

Emission Unit: B-OILRS
Process: 701 Source Classification Code: 1-03-006-01
Process Description: BOILER #7 BURNING NATURAL GAS.

Emission Source/Control: OBLR7 - Combustion
Design Capacity: 192 million Btu per hour

Emission Source/Control: 00LNB - Control
Control Type: LOW NOx BURNER

Item 30.10(From Mod 1):

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

Emission Unit: B-OILRS
Process: 702 Source Classification Code: 1-03-005-01
Process Description: BOILER #7 BURNING #2 OIL.

Emission Source/Control: OBLR7 - Combustion
Design Capacity: 192 million Btu per hour

Emission Source/Control: 00LNB - Control
Control Type: LOW NOx BURNER

Item 30.11(From Mod 1):

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

Emission Unit: B-OILRS
Process: 901 Source Classification Code: 1-03-006-01



New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059

Process Description: BOILER #9 BURNING NATURAL GAS.

Emission Source/Control: OBLR9 - Combustion
Design Capacity: 245.5 million Btu per hour

Emission Source/Control: 00FGR - Control
Control Type: FLUE GAS RECIRCULATION

Emission Source/Control: 00LNB - Control
Control Type: LOW NOx BURNER

Item 30.12(From Mod 1):

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

Emission Unit: B-OILRS

Process: 902

Source Classification Code: 1-03-005-01

Process Description: BOILER #9 BURNING #2 OIL

Emission Source/Control: OBLR9 - Combustion
Design Capacity: 245.5 million Btu per hour

Emission Source/Control: 00FGR - Control
Control Type: FLUE GAS RECIRCULATION

Emission Source/Control: 00LNB - Control
Control Type: LOW NOx BURNER

Condition 31: This section describes design requirements for crematories and pathological incinerators. Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 219-4.4

Item 31.1:

This Condition applies to Emission Unit: 0-00002

Item 31.2:

(a) Furnace design must provide for a residence time for combustion gas of at least one second at no less than 1800F. 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 1400F.

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

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

New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059



Condition 32: Compliance Demonstration
Effective between the dates of 01/01/2005 and Permit Expiration Date

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

Item 32.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00002

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 32.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Opacity emission limit for crematories and pathological incinerators. The permittee must initially demonstrate compliance with the standards in this Subpart by either (1) onsite testing, or (2) submittal of a test report for an identical incinerator tested in New York and approved by the commissioner.

Parameter Monitored: OPACITY

Upper Permit Limit: 10.0 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 33: This section describes other wastes that can and can not
be burned in a crematory.**
Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 219-4.6

Item 33.1:

This Condition applies to Emission Unit: 0-00002

Item 33.2:

(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



New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059

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 34: Operator training and certification requirements.
Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 219-4.10

Item 34.1:

This Condition applies to Emission Unit: 0-00002

Item 34.2:

(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.

Condition 35: Inspection and Reporting requirements.
Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 219-4.11

Item 35.1:

This Condition applies to Emission Unit: 0-00002

Item 35.2:

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

Condition 36: Compliance Demonstration
Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 219-4.3

Item 36.1:



New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00002

Process: 002

Emission Source: 00V11

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 36.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

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

Parameter Monitored: PARTICULATES

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

Reference Test Method: EPA Ref Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 37: Compliance Demonstration

Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 219-4.7

Item 37.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00002 Emission Point: 00002

Process: 002

Item 37.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

New York State Department of Environmental Conservation

Permit ID: 8-2699-00059/00027

Facility DEC ID: 8269900059



The secondary combustion chamber exit temperature must be continuously monitored and recorded.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1800 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 38: Compliance Demonstration

Effective between the dates of 01/01/2005 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 219-4.7

Item 38.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00002 Emission Point: 00002

Process: 002

Item 38.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The primary combustion chamber exit temperature must be continuously monitored and recorded.

Parameter Monitored: TEMPERATURE

Lower Permit Limit: 1400 degrees Fahrenheit

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY