



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 7-3542-00068/00002
Effective Date: 05/05/2008 Expiration Date: No expiration date

Permit Issued To: STATE UNIVERSITY OF NEW YORK
STATE UNIVERSITY PLAZA
381 BROADWAY
ALBANY, NY 12246

Contact: NICHOLAS LYONS
SUNY OSWEGO
705A CULKIN HALL
OSWEGO, NY 13126-3599
(315) 312-2222

Facility: SUNY OSWEGO
RANDOLPH ST - IROQUOIS TRAIL & SWEET RD
OSWEGO, NY 13126

Contact: JERRY DESANTIS
SUNY OSWEGO
509B CAULKIN HALL
OSWEGO, NY 13126-3599
(315) 312-3437

Description:
This permit is for a college campus. The campus uses natural gas and fuel oil #6 in boilers to heat the facilities. There are also hot water heating units and electric generators located on campus. Most emissions points on campus are related to educational activities associated with the classes offered. The college seeks to cap the potential to emit for oxides of nitrogen and sulfur dioxide at the campus.

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: JOHN H MERRIMAN, JR
1285 FISHER AVE
CORTLAND, NY 13045-1090

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 7
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: 6NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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

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



Applicable State Requirement: 6NYCRR 621.13

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 7 HEADQUARTERS

Applicable State Requirement: 6NYCRR 621.6(a)

Item 5.1:

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

NYSDEC Regional Permit Administrator
Region 7 Headquarters
Division of Environmental Permits
615 Erie Blvd West
Syracuse, NY 13204-2400
(315) 426-7400

New York State Department of Environmental Conservation

Permit ID: 7-3542-00068/00002

Facility DEC ID: 7354200068



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: STATE UNIVERSITY OF NEW YORK
STATE UNIVERSITY PLAZA
381 BROADWAY
ALBANY, NY 12246

Facility: SUNY OSWEGO
RANDOLPH ST - IROQUOIS TRAIL & SWEET RD
OSWEGO, NY 13126

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

Permit Effective Date: 05/05/2008

Permit Expiration Date: No expiration date.



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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Facility Level

Submission of application for permit modification or renewal-REGION 7 HEADQUARTERS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 201-7.2: Facility Permissible Emissions
- *2 6NYCRR 201-7.2: Capping Monitoring Condition
- *3 6NYCRR 201-7.2: Capping Monitoring Condition
- *4 6NYCRR 201-7.2: Capping Monitoring Condition

Emission Unit Level

EU=1-BLERS

- 5 6NYCRR 225-1.2(a)(2): Compliance Demonstration
- 6 6NYCRR 225-1.8: Compliance Demonstration
- 7 6NYCRR 227-1.3: Compliance Demonstration
- 8 6NYCRR 227.2(b)(1): Compliance Demonstration
- 9 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 10 40CFR 60.7(a), NSPS Subpart A: Compliance Demonstration
- 11 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 12 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 13 40CFR 60.7(g), NSPS Subpart A: Notification Similar to State or Local Agency
- 14 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 15 40CFR 60.8(b), NSPS Subpart A: Performance Test Methods - Waiver EU Level
- 16 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 17 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 18 40CFR 60.9, NSPS Subpart A: Availability of information.
- 19 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 20 40CFR 60.11, NSPS Subpart A: Compliance Demonstration
- 21 40CFR 60.12, NSPS Subpart A: Circumvention.
- 22 40CFR 60.14, NSPS Subpart A: Compliance Demonstration
- 23 40CFR 60.15, NSPS Subpart A: Compliance Demonstration
- 24 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Demonstration
- 25 40CFR 60.42c(h), NSPS Subpart Dc: Compliance Demonstration
- 26 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Demonstration
- 27 40CFR 60.44c(g), NSPS Subpart Dc: Compliance Demonstration
- 28 40CFR 60.44c(h), NSPS Subpart Dc: Compliance Demonstration
- 29 40CFR 60.46c(d), NSPS Subpart Dc: Compliance Demonstration
- 30 40CFR 60.46c(e), NSPS Subpart Dc: Compliance Demonstration
- 31 40CFR 60.47c, NSPS Subpart Dc: Compliance Demonstration



- 32 40CFR 60.48c, NSPS Subpart Dc: Compliance Demonstration
- 33 40CFR 60.48c, NSPS Subpart Dc: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 34 ECL 19-0301: Contaminant List
- 35 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 36 6NYCRR 201-5: Emission Unit Definition
- 37 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 38 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 39 6NYCRR 201-5: Process Definition By Emission Unit

EU=1-BLERS

- 40 6NYCRR 227-1.2(a)(2): 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 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 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 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 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 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 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

Item 2.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

1. Facility-wide natural gas usage shall be measured using a flow meter maintained by the supplying utility company or another flow measuring device, acceptable to the Department, that is operated, maintained, and calibrated in accordance with the manufacturer's recommendations.
2. Facility-wide fuel oil usage shall be measured using a flow meter or other measuring device, acceptable to the Department. The flow meter or measuring device must be operated, maintained, and calibrated in accordance with the manufacturer's recommendations.
3. Maintenance and calibration records for each fuel usage measuring device shall be kept on-site for a minimum of five years.
4. A record of the output capacity of each electric generator present at the facility shall be maintained on-site.
5. Monthly hours of usage for each electric generator present at the facility shall be determined using an installed hour meter or an operator's logbook. Hour meters must be maintained in good and accurate operating order. If an operator's logbook is used, an entry shall be made, signed or initialled by the operator, indicating the start time, stop time, and operating hours each time the generator is used. Electric generators that start automatically must have hour meters installed. Records shall be maintained for a minimum of five years.
6. Biodiesel fuel or blends of biodiesel and diesel fuels used in any diesel generator shall be treated as diesel fuel for calculating emissions, unless the Department specifies other emission factors to be used.



7. Any deviations from the above listed items and corrective actions taken shall be detailed in the required annual emission cap certification.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 3: Capping Monitoring Condition
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-7.2

Item 3.1:

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

6NYCRR 227-2

Item 3.2:

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

Item 3.3:

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 3.4:

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 3.5:

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 3.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 3.7:



Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

1. Facility-wide emissions of NO_x shall be less than 100 tons per 12 month rolling period. Monthly and 12 month rolling total emissions shall be determined on a monthly basis. Emission factors specified by the Department or emission factors derived through on-site testing shall be used to determine monthly NO_x emissions, as follows:

$$X = [(A \times B) + (C \times D) + \text{SUM}(E_i \times F_i \times G) + \text{SUM}(H_i \times I_i \times J)]$$

where:

X is the total NO_x emission from the facility during the month;

A is the total facility natural gas usage during the month;

B is the NO_x emission factor for boilers burning natural gas;

C is the total facility fuel oil usage during the month;

D is the NO_x emission factor for boilers burning fuel oil;

E_i is the KW output capacity of natural gas fired electric generator i used during the month;

F_i is the number of operating hours natural gas fired electric generator i is used during the month;

G is the NO_x emission factor for natural gas fired electric generators;

H_i is the KW output capacity of diesel fired electric generator i used during the month;

I_i is the number of operating hours diesel fired electric generator i used during the month;

J is the NO_x emission factor for diesel fired electric generators.

2. If, during any 12 month rolling period, NO_x emissions exceed 75 tons per 12 month period, or at any other time



as directed by the Department, the owner or operator shall submit to the Department, no later than 30 days after that period, a protocol to test emissions from the boilers in Emission Unit 1-BLERS, and any other device that the Department specifies, in order to determine site-specific NOx emissions factors. The owner shall test such devices for NOx within 30 days of the Department's approval of the test protocol. The tests shall be performed for all fuels permitted to be used in each boiler. The owner or operator shall submit to the Department an emissions test report, in triplicate, within 60 days of completion of such tests.

Upon completion of such tests, the owner or operator shall use the results of those tests as emission factors to compute facility-wide emissions. If multiple tests are conducted, the owner or operator shall use the results of the most recent stack test upon written approval of the emission factors from the Department.

3. On a calendar year basis, the owner or operator shall provide to the Department a certification that facility emissions of NOx have been less than 100 tons for each 12 calendar month rolling period. This certification shall include a summary of the emissions that occurred that period. The owner or operator must maintain records of emissions calculations on-site for a minimum period of five years and make them available to representatives of the Department upon request. The certifications shall be due 30 days after the end of the calendar year (January 30).

4. If the owner or operator exceeds the rolling annual emissions limit for any period, the owner or operator shall submit to the Department a notice of such excess emissions no later than 30 days after the last day in that period.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 99 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12-month total, rolled monthly

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2009.

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

Condition 4: Capping Monitoring Condition

Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 201-7.2

Item 4.1:

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



A is the total facility natural gas usage during the month;

B is the sulfur dioxide emission factor for boilers burning natural gas;

C is the total facility fuel oil usage during the month;

D is the sulfur dioxide emission factor for boilers burning fuel oil;

E_i is the KW output capacity of natural gas fired electric generator i used during the month;

F_i is the number of operating hours natural gas fired electric generator i is used during the month;

G is the sulfur dioxide emission factor for natural gas fired electric generators;

H_i is the KW output capacity of diesel fired electric generator i used during the month;

I_i is the number of operating hours diesel fired electric generator i used during the month;

J is the sulfur dioxide emission factor for diesel fired electric generators.

2. The Department may require, at any time, emissions tests on any device(s) identified by the Department. Such emission tests shall be conducted in accordance with an approved test protocol and the provisions of 6 NYCRR Part 202-1.

3. On a calendar year basis, the owner or operator shall provide to the Department a certification that facility emissions of sulfur dioxide have been less than 100 tons for each 12 calendar month rolling period. This certification shall include a summary of the emissions that occurred that period. The owner or operator must maintain records of emissions calculations on-site for a minimum period of five years and make them available to representatives of the Department upon request. The certifications shall be due 30 days after the end of the calendar year (January 30).

4. If the owner or operator exceeds the rolling annual emissions limit for any period, the owner or operator shall submit to the Department a notice of such excess emissions no later than 30 days after the last day in that



period.

Parameter Monitored: SULFUR DIOXIDE
Upper Permit Limit: 99 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: 12-month total, rolled monthly
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2009.
Subsequent reports are due every 12 calendar month(s).

**** Emission Unit Level ****

Condition 5: Compliance Demonstration
Effective between the dates of 05/05/2008 and Permit Expiration Date

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

Item 5.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BLERS

Item 5.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall use, purchase, sell, or offer for sale any fuel oil which has a sulfur content greater than 1.5 percent by weight. The 1.5 percent by weight sulfur content limit is "State Only" enforceable at the time of permit issuance. The "Federally Enforceable" sulfur content limit is 2.0 percent by weight. Should the EPA approve the 1.5 percent by weight sulfur content limit in New York State's SIP, during the permit term, the limit will become "Federally Enforceable." This sulfur in fuel limit is based on "as delivered analysis" and not necessarily the fuel oil content in the tank after delivery.

Process Material: FUEL OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.5 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 6: Compliance Demonstration



Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 225-1.8

Item 6.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BLERS

Item 6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The permittee must monitor compliance with the sulfur in fuel oil limits by either:

- 1) taking and analyzing a grab sample of oil each oil delivery; or
- 2) receiving a fuel oil supplier certification for each oil delivery.

For the grab sample option the following parameters shall be determined at a minimum: date of delivery, quantity delivered, heating value of the oil, sulfur content of the oil, and analysis methods used.

For the supplier certification option the following parameters shall be determined at a minimum: supplier name, date of delivery, quantity delivered, heating value of the oil, sulfur content of the oil, and analysis methods used.

Each record of the above stated parameters, per delivery, must be maintained on site for a minimum of three years.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 7: Compliance Demonstration

Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement:6NYCRR 227-1.3

Item 7.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BLERS

Item 7.2:

Compliance Demonstration shall include the following monitoring:

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



Monitoring Description:

- (a) No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one six-minute period per hour of not more than 27 percent opacity.
- (b) Compliance with the opacity standard may be determined by:
 - (1) conducting observations in accordance with Reference Method 9;
 - (2) evaluating Continuous Opacity Monitoring System (COMS) records and reports; and/or
 - (3) considering any other credible evidence.
- (c) Upon written application by a source owner, the commissioner may accept an equivalent opacity standard less stringent than the opacity standard of subdivision (a) of this section for a stationary combustion installation with a maximum operating heat input greater than 50 million Btu per hour, if such source owner can demonstrate through acceptable emission tests for such stationary combustion installation that it is in compliance with all applicable emission standards other than the opacity standard and that the source and any associated emission control equipment is operated and maintained in a manner acceptable to the commissioner. Any stationary combustion installation to be eligible for an equivalent opacity standard must have applied Best Available Control Technology (BACT) as determined by the commissioner. Any equivalent opacity standard granted by the commissioner shall be submitted to the USEPA for approval as a SIP revision. The owner or operator of a source for which an equivalent opacity standard has been accepted shall not cause or allow emissions to exceed the equivalent opacity.

Method 9 opacity monitoring shall be conducted at the discretion of the Department.

Reporting and recordkeeping shall be conducted as required consistent with the method used to determine compliance.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: See Description

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



Condition 8: Compliance Demonstration
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227.2(b)(1)

Item 8.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BLERS

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:

Pursuant to Section 110 of the Federal Clean Air Act, the EPA approved, as part of New York's State Implementation Plan, a regulation for the control of particulate matter. The Department has since revised this rule, changing the applicability criteria and the numerical limits. The revisions, however, have not been approved by the EPA. This condition requires compliance with the rule as it is contained in the federally-approved SIP. This requirement was previously cited as 6NYCRR Part 227.2(b)(1) and is listed in the table of EPA-approved New York State regulations sited under 40 CFR 52.1679 Subpart HH.

The requirement is stated as follows:

No person shall cause, permit or allow a two hour average emission into the outdoor atmosphere of particulates in excess of 0.10 pound per million Btu heat input from any oil fired stationary combustion installation. Upon written application, the commissioner may exempt a person from the provisions of this section, when in view of the properties of the emissions, isolated conditions, stack height and other factors, it is clearly demonstrated that the emissions thus permitted will not cause a contravention of established ambient air quality standards.

Compliance testing must be performed at the discretion of the Department as per 6 NYCRR Part 202-1 in accordance with a Department approved protocol.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING



DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING

DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 9: EPA Region 2 address.
Effective between the dates of 05/05/2008 and Permit Expiration Date**

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 9.1:

This Condition applies to Emission Unit: 1-BLERS

Item 9.2:

All requests, reports, applications, submittals, and other communications to the Administrator pursuant to this part shall be submitted in duplicate to the following address:

Director, Division of Enforcement and Compliance Assistance
USEPA Region 2
290 Broadway, 21st Floor
New York, NY 10007-1886

Copies of all correspondence to the administrator pursuant to this part shall also be submitted to the NYSDEC Regional Office issuing this permit (see address at the beginning of this permit) and to the following address:

NYSDEC
Bureau of Quality Assurance
625 Broadway
Albany, NY 12233-3258

**Condition 10: Compliance Demonstration
Effective between the dates of 05/05/2008 and Permit Expiration Date**

Applicable Federal Requirement:40CFR 60.7(a), NSPS Subpart A

Item 10.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BLERS

Item 10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any owner or operator subject to this part shall furnish the Administrator with the following information:



- 1) a notification of the date construction or reconstruction commenced, postmarked no later than 30 days after such date;
- 3) a notification of the actual date of initial start up, postmarked within 15 days after such date;
- 4) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under 40 CFR 60. The notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capability of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional information regarding the change;
- 5) a notification of the date upon which the demonstration of continuous monitoring system performance commences, postmarked not less than 30 days prior to such date;
- 6) a notification of the anticipated date for conducting the opacity observations, postmarked not less than 30 days prior to such date; and
- 7) if a COM is used, a notification that continuous opacity monitoring system data results will be used to determine compliance with the applicable opacity standard during the performance test, postmarked not less than 30 days prior to the performance test.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 11: Recordkeeping requirements.
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.7(b), NSPS Subpart A

Item 11.1:

This Condition applies to Emission Unit: 1-BLERS

Item 11.2:

Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.



Condition 12: Facility files for subject sources.
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.7(f), NSPS Subpart A

Item 12.1:

This Condition applies to Emission Unit: 1-BLERS

Item 12.2:

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspection. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

Condition 13: Notification Similar to State or Local Agency
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.7(g), NSPS Subpart A

Item 13.1:

This Condition applies to Emission Unit: 1-BLERS

Item 13.2:

If notification substantially similar to that in 40 CFR Part 60.7(a) is required by any other State or local agency, sending the Administrator a copy of that notification will satisfy the requirements of 40 CFR Part 60.7(a).

Condition 14: Performance testing timeline.
Effective between the dates of 05/05/2008 and Permit Expiration Date

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

Item 14.1:

This Condition applies to Emission Unit: 1-BLERS

Item 14.2:

Within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup of the facility, the owner or operator of the facility shall conduct performance testing and provide the results of such tests, in a written report, to the Administrator.

Condition 15: Performance Test Methods - Waiver EU Level
Effective between the dates of 05/05/2008 and Permit Expiration Date

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

Item 15.1:

This Condition applies to Emission Unit: 1-BLERS



Item 15.2:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR Part 60 unless the Administrator (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, (3) approves the use of an alternate method the results of which he has determined to be adequate for indicating whether a specific source is in compliance, (4) waives the requirement for performance tests because the owner or operator of a source has demonstrated by other means to the Administrator's satisfaction that the affected facility is in compliance with the standard, or (5) approves shorter sampling times and smaller sample volumes when necessitated by process variables or other factors.

Condition 16: Required performance test information.
Effective between the dates of 05/05/2008 and Permit Expiration Date

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

Item 16.1:

This Condition applies to Emission Unit: 1-BLERS

Item 16.2:

Performance tests shall be conducted under such conditions specified by the Administrator, based upon representative performance data supplied by the owner or operator of the facility.

Condition 17: Prior notice.
Effective between the dates of 05/05/2008 and Permit Expiration Date

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

Item 17.1:

This Condition applies to Emission Unit: 1-BLERS

Item 17.2:

The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

Condition 18: Availability of information.
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 18.1:

This Condition applies to Emission Unit: 1-BLERS

Item 18.2:

The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by part 2 of this chapter.

Condition 19: Opacity standard compliance testing.
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A



Item 19.1:

This Condition applies to Emission Unit: 1-BLERS

Item 19.2:

The following conditions shall be used to determine compliance with the opacity standards:

1) observations shall be conducted in accordance with Reference Method 9, in Appendix A or this Part 40 CFR 60(or an equivalent method approved by the Administrator including continuous opacity monitors);

2) the opacity standards apply at all times except during periods of start up, shutdown, and malfunction; and

3) all other applicable conditions cited in section 60.11 of this part.

Condition 20: Compliance Demonstration
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A

Item 20.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BLERS

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) Compliance with standards in this part, other than opacity standards, shall be determined in accordance with performance tests established by §60.8, unless otherwise specified in the applicable standard.

(b) Compliance with opacity standards in this part shall be determined by conducting observations in accordance with Method 9 in appendix A of this part, any alternative method that is approved by the Administrator, or as provided in paragraph (e)(5) of this section. For purposes of determining initial compliance, the minimum total time of observations shall be 3 hours (30 6-minute averages) for the performance test.

(c) The opacity standards set forth in this part shall apply at all times except during periods of startup, shutdown, malfunction, and as otherwise provided in the applicable standard.

(d) At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility



including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

(e)(1) Opacity observations shall be conducted within 60 days after achieving the maximum production rate at which the affected facility will be operated but no later than 180 days after initial startup of the facility. Opacity readings of portions of plumes which contain condensed, uncombined water vapor shall not be used for purposes of determining compliance with opacity standards. The owner or operator of an affected facility shall make available, upon request by the Administrator, such records as may be necessary to determine the conditions under which the visual observations were made and shall provide evidence indicating proof of current visible observer emission certification.

(2) Except as provided in paragraph (e)(3) of this section, the owner or operator of an affected facility to which an opacity standard in this part applies shall conduct opacity observations in accordance with paragraph (b) of this section, shall record the opacity of emissions, and shall report to the Administrator the opacity results along with the results of the initial performance test required under §60.8.

(3) The owner or operator of an affected facility to which an opacity standard in this part applies may request the Administrator to determine and to record the opacity of emissions from the affected facility during the initial performance test and at such times as may be required. The owner or operator of the affected facility shall report the opacity results. Any request to the Administrator to determine and to record the opacity of emissions from an affected facility shall be included in the notification required in §60.7(a)(6). If, for some reason, the Administrator cannot determine and record the opacity of emissions from the affected facility during the performance test, then the provisions of paragraph (e)(1) of this section shall apply.

(4) An owner or operator of an affected facility using a continuous opacity monitor (transmissometer) shall record the monitoring data produced during the initial performance test required by §60.8 and shall furnish the Administrator a written report of the monitoring results



along with Method 9 and §60.8 performance test results.

(5) An owner or operator of an affected facility subject to an opacity standard may submit, for compliance purposes, continuous opacity monitoring system (COMS) data results produced during any performance test required under §60.8 in lieu of Method 9 observation data. If an owner or operator elects to submit COMS data for compliance with the opacity standard, he shall notify the Administrator of that decision, in writing, at least 30 days before any performance test required under §60.8 is conducted. Once the owner or operator of an affected facility has notified the Administrator to that effect, the COMS data results will be used to determine opacity compliance during subsequent tests required under §60.8 until the owner or operator notifies the Administrator, in writing, to the contrary. For the purpose of determining compliance with the opacity standard during a performance test required under §60.8 using COMS data, the minimum total time of COMS data collection shall be averages of all 6-minute continuous periods within the duration of the mass emission performance test. Results of the COMS opacity determinations shall be submitted along with the results of the performance test required under §60.8. The owner or operator of an affected facility using a COMS for compliance purposes is responsible for demonstrating that the COMS meets the requirements specified in §60.13(c) of this part, that the COMS has been properly maintained and operated, and that the resulting data have not been altered in any way. If COMS data results are submitted for compliance with the opacity standard for a period of time during which Method 9 data indicates noncompliance, the Method 9 data will be used to determine compliance with the opacity standard.

(f) Special provisions set forth under an applicable subpart shall supersede any conflicting provisions in paragraphs (a) through (e) of this section.

(g) For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any standard in this part, nothing in this part shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



Condition 21: Circumvention.
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Item 21.1:

This Condition applies to Emission Unit: 1-BLERS

Item 21.2:

No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

Condition 22: Compliance Demonstration
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A

Item 22.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BLERS

Item 22.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) Except as provided under paragraphs (e) and (f) of this section, any physical or operational change to an existing facility which results in an increase in the emission rate to the atmosphere of any pollutant to which a standard applies shall be considered a modification within the meaning of section 111 of the Act. Upon modification, an existing facility shall become an affected facility for each pollutant to which a standard applies and for which there is an increase in the emission rate to the atmosphere.

(b) Emission rate shall be expressed as kg/hr of any pollutant discharged into the atmosphere for which a standard is applicable. The Administrator shall use the following to determine emission rate:

(1) Emission factors as specified in the latest issue of "Compilation of Air Pollutant Emission Factors," EPA Publication No. AP-42, or other emission factors determined by the Administrator to be superior to AP-42



emission factors, in cases where utilization of emission factors demonstrates that the emission level resulting from the physical or operational change will either clearly increase or clearly not increase.

(2) Material balances, continuous monitor data, or manual emission tests in cases where utilization of emission factors as referenced in paragraph (b)(1) of this section does not demonstrate to the Administrator's satisfaction whether the emission level resulting from the physical or operational change will either clearly increase or clearly not increase, or where an owner or operator demonstrates to the Administrator's satisfaction that there are reasonable grounds to dispute the result obtained by the Administrator utilizing emission factors as referenced in paragraph (b)(1) of this section. When the emission rate is based on results from manual emission tests or continuous monitoring systems, the procedures specified in appendix C of this part shall be used to determine whether an increase in emission rate has occurred. Tests shall be conducted under such conditions as the Administrator shall specify to the owner or operator based on representative performance of the facility. At least three valid test runs must be conducted before and at least three after the physical or operational change. All operating parameters which may affect emissions must be held constant to the maximum feasible degree for all test runs.

(c) The addition of an affected facility to a stationary source as an expansion to that source or as a replacement for an existing facility shall not by itself bring within the applicability of this part any other facility within that source.

(d) [Reserved]

(e) The following shall not, by themselves, be considered modifications under this part:

(1) Maintenance, repair, and replacement which the Administrator determines to be routine for a source category, subject to the provisions of paragraph (c) of this section and §60.15.

(2) An increase in production rate of an existing facility, if that increase can be accomplished without a capital expenditure on that facility.

(3) An increase in the hours of operation.

(4) Use of an alternative fuel or raw material if, prior to the date any standard under this part becomes applicable to that source type, as provided by §60.1, the



existing facility was designed to accommodate that alternative use. A facility shall be considered to be designed to accommodate an alternative fuel or raw material if that use could be accomplished under the facility's construction specifications as amended prior to the change. Conversion to coal required for energy considerations, as specified in section 111(a)(8) of the Act, shall not be considered a modification.

(5) The addition or use of any system or device whose primary function is the reduction of air pollutants, except when an emission control system is removed or is replaced by a system which the Administrator determines to be less environmentally beneficial.

(6) The relocation or change in ownership of an existing facility.

(f) Special provisions set forth under an applicable subpart of this part shall supersede any conflicting provisions of this section.

(g) Within 180 days of the completion of any physical or operational change subject to the control measures specified in paragraph (a) of this section, compliance with all applicable standards must be achieved.

Notification, reporting, monitoring, and permitting shall be performed in accordance with Federal, State, and Local requirements.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 23: Compliance Demonstration
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.15, NSPS Subpart A

Item 23.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BLERS

Item 23.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) An existing facility, upon reconstruction, becomes an affected facility, irrespective of any change in emission



rate.

(b) "Reconstruction" means the replacement of components of an existing facility to such an extent that:

(1) The fixed capital cost of the new components exceeds 50 percent of the fixed capital cost that would be required to construct a comparable entirely new facility, and

(2) It is technologically and economically feasible to meet the applicable standards set forth in this part.

(c) "Fixed capital cost" means the capital needed to provide all the depreciable components.

(d) If an owner or operator of an existing facility proposes to replace components, and the fixed capital cost of the new components exceeds 50 percent of the fixed capital cost that would be required to construct a comparable entirely new facility, he shall notify the Administrator of the proposed replacements. The notice must be postmarked 60 days (or as soon as practicable) before construction of the replacements is commenced and must include the following information:

(1) Name and address of the owner or operator.

(2) The location of the existing facility.

(3) A brief description of the existing facility and the components which are to be replaced.

(4) A description of the existing air pollution control equipment and the proposed air pollution control equipment.

(5) An estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new facility.

(6) The estimated life of the existing facility after the replacements.

(7) A discussion of any economic or technical limitations the facility may have in complying with the applicable standards of performance after the proposed replacements.

(e) The Administrator will determine, within 30 days of the receipt of the notice required by paragraph (d) of this section and any additional information he may



reasonably require, whether the proposed replacement constitutes reconstruction.

(f) The Administrator's determination under paragraph (e) shall be based on:

(1) The fixed capital cost of the replacements in comparison to the fixed capital cost that would be required to construct a comparable entirely new facility;

(2) The estimated life of the facility after the replacements compared to the life of a comparable entirely new facility;

(3) The extent to which the components being replaced cause or contribute to the emissions from the facility; and

(4) Any economic or technical limitations on compliance with applicable standards of performance which are inherent in the proposed replacements.

(g) Individual subparts of this part may include specific provisions which refine and delimit the concept of reconstruction set forth in this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 24: Compliance Demonstration
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.42c(d), NSPS Subpart Dc

Item 24.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BLERS

Item 24.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

On or after the date on which the initial performance test is completed or required to be completed under §60.8 of this part, no owner or operator of an affected facility that combusts oil shall combust oil with a sulfur content in excess of 0.5 percent by weight. Compliance with the



fuel oil sulfur limit shall be determined on a 30-day rolling average basis of oil operating days for each affected boiler. An oil operating day for an affected boiler is a calendar day during which any fuel oil is burned in that boiler.

Note: The rule is applicable to an "affected facility." §60.2 states: "affected facility means, with reference to a stationary source, any apparatus to which a standard is applicable." Therefore, each subject boiler is an affected facility and each boiler will have its own 30-day rolling average.

Semi-annual reporting is required as per §60.48c.

Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.5 percent by weight
Monitoring Frequency: DAILY
Averaging Method: 30-DAY ROLLING AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 25: Compliance Demonstration
Effective between the dates of 05/05/2008 and Permit Expiration Date
Applicable Federal Requirement:40CFR 60.42c(h), NSPS Subpart Dc

Item 25.1:
The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BLERS

Item 25.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

If distillate oil is fired in the boilers at this facility, compliance with the fuel oil sulfur limits may be determined based on a certification from the fuel supplier, as described under §60.48c(f).

Semi-annual reporting is required as per §60.48c.

Monitoring Frequency: PER DELIVERY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 26: Compliance Demonstration



Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.43c(c), NSPS Subpart Dc

Item 26.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BLERS

Item 26.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

On and after the date on which the initial performance test is completed or required to be completed under §60.8, whichever date comes first, no owner or operator of an affected facility that combusts oil and has a heat input capacity of 8.7 MW (30 MMBtu/hr) or greater shall cause to be discharged into the atmosphere from that affected facility 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.

Monitoring must be performed by the use of a COM or in accordance with a Department approved site-specific monitoring plan as per §60.47c(f).

Semi-annual reporting is required as per section 60.48c.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2008.

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

Condition 27: Compliance Demonstration

Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.44c(g), NSPS Subpart Dc

Item 27.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BLERS



Item 27.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(g) For oil-fired affected facilities where the owner or operator seeks to demonstrate compliance with the fuel oil sulfur limits under §60.42c based on shipment fuel sampling, the initial performance test shall consist of sampling and analyzing the oil in the initial tank of oil to be fired in the steam generating unit to determine the initial fuel oil sulfur content to be used at the start of the initial 30-day average. Thereafter, the owner or operator of the affected facility shall sample the oil in the fuel tank after each new shipment of oil is received, as described under §60.46c(d)(2).

Reporting shall be performed as per §60.7 and §60.48c.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 28: Compliance Demonstration

Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.44c(h), NSPS Subpart Dc

Item 28.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BLERS

Item 28.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(h) For affected facilities subject to §60.42c(h) where the owner or operator seeks to demonstrate compliance with the SO₂ standards based on fuel supplier certification, the performance test shall consist of the certification, the certification from the fuel supplier, as described under §60.48c(f), as applicable.

Reporting shall be performed as per §60.7 and §60.48c.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



Condition 29: Compliance Demonstration
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.46c(d), NSPS Subpart Dc

Item 29.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BLERS

Item 29.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) For affected facilities combusting oil that do not qualify under §60.42c(h) or choose to use supplier certifications, oil samples shall be collected daily in an as-fired condition at the inlet to the steam generating unit and analyzed for sulfur content and heat content according to the Method 19 of appendix A of this part. Method 19 of appendix A of this part provides procedures for converting these measurements into the format to be used in calculating the average SO₂ input rate.

(2) As an alternative fuel sampling procedure for affected facilities combusting oil, oil samples may be collected from the fuel tank for each steam generating unit immediately after the fuel tank is filled and before any oil is combusted. The owner or operator of the affected facility shall analyze the oil sample to determine the sulfur content of the oil. If a partially empty fuel tank is refilled, a new sample and analysis of the fuel in the tank would be required upon filling. Results of the fuel analysis taken after each new shipment of oil is received shall be used as the daily value when calculating the 30-day rolling average until the next shipment is received. If the fuel analysis shows that the sulfur content in the fuel tank is greater than 0.5 weight percent sulfur, the owner or operator shall ensure that the sulfur content of subsequent oil shipments is low enough to cause the 30-day rolling average sulfur content to be 0.5 weight percent sulfur or less.

Reporting shall be performed as per §60.7 and §60.48c.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 30: Compliance Demonstration
Effective between the dates of 05/05/2008 and Permit Expiration Date



Applicable Federal Requirement:40CFR 60.46c(e), NSPS Subpart Dc

Item 30.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BLERS

Item 30.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

e) If an affected facility is subject to §60.42c(h), the owner or operator of the affected facility may demonstrate compliance with the SO₂ standards based on fuel supplier certification, as described under §60.48c(f), as applicable.

Reporting shall be performed as per §60.7 and §60.48c.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 31: Compliance Demonstration

Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.47c, NSPS Subpart Dc

Item 31.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BLERS

Item 31.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) Except as provided in paragraphs (c) and (f) listed below, the owner or operator of an affected facility combusting coal, oil, or wood that is subject to the opacity standards under §60.43c shall install, calibrate, maintain, and operate a COMS for measuring the opacity of the emissions discharged to the atmosphere and record the output of the system.

(b) All COMS for measuring opacity shall be operated in accordance with the applicable procedures under Performance Specification 1 of appendix B of this part. The span value of the opacity COMS shall be between 60 and 80 percent.

(c) Affected facilities that burn only distillate oil that



contains no more than 0.5 weight percent sulfur and/or liquid or gaseous fuels with potential sulfur dioxide emission rates of 26 ng/J (0.06 lb/MMBtu) heat input or less and that do not use a post-combustion technology to reduce SO₂ or PM emissions are not required to operate a CEMS for measuring opacity if they follow the applicable procedures under §60.48c(f).

(f) Except as provided in paragraph (c) above, affected sources at this facility not operating COMS systems for measuring opacity shall operate under a site-specific monitoring plan approved by the Department. The following monitoring plan requirements shall apply:

(1) A proposed site-specific monitoring plan shall be submitted to the Department within the timeframe established §60.8 for the initial performance test.

(2) Affected sources at the facility shall be operated in accordance with the proposed site-specific monitoring plan until a final plan is approved by the Department. After the final site-specific monitoring plan is approved by the Department, affected sources at the facility shall be operated in accordance with the final plan.

(3) The owner/operator of the affected sources may request, in writing, changes to the site-specific monitoring plan. The changes will take effect upon approval by the Department.

(4) The Department may require changes to be made to the site-specific monitoring plan. These changes must be implemented within 30 days of the date of the Department's correspondence, unless another timeframe is directed by the Department.

(5) The semi-annual reporting required by §60.48c, in regard to the site-specific monitoring plan, shall include the following:

(i) identification of any Method 9 readings that resulted in non-compliance with the §60.43c(c) opacity standard and the corrective actions taken;

(ii) identification of times when any other monitored parameter indicator fell outside the range established in the site-specific monitoring plan and the corrective actions taken;

(iii) identification of times when Method 9 readings or other monitored parameters were not performed as specified in the site-specific monitoring plan, the reasons why the monitoring was not performed as specified, and the



corrective actions taken; and

(iv) identification of times when any other aspects of the site-specific monitoring plan were not followed and the corrective actions taken.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2008.

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

Condition 32: Compliance Demonstration
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.48c, NSPS Subpart Dc

Item 32.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BLERS

Item 32.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(a) The notifications required as per §60.7 shall also include the design heat input capacity of each affected facility and identification of fuels to be combusted in each affected facility.

(b) The owner or operator of each affected facility subject to the SO₂ emission limits of §60.42c, or the PM or opacity limits of §60.43c, shall submit to the Administrator the performance test data from the initial and any subsequent performance tests and, if applicable, the performance evaluation of the CEMS and/or COMS using the applicable performance specifications in appendix B of this part.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 33: Compliance Demonstration
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.48c, NSPS Subpart Dc

Item 33.1:

The Compliance Demonstration activity will be performed for:



Emission Unit: 1-BLERS

Item 33.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(c) The owner or operator of each oil-fired affected facility subject to the opacity limits under §60.43c(c) shall submit excess emission reports for any excess emissions from the affected facility that occur during the reporting period. The reports shall include the information stated under §60.47c(f), located elsewhere in this permit, for the reporting period.

(d) The owner or operator of each affected facility subject to the fuel oil sulfur limits under §60.42c shall submit reports to the Administrator.

(e) The owner or operator of each affected facility subject to the fuel oil sulfur limits under §60.42c shall keep records and submit reports for the reporting period, including the following information.

(1) Calendar dates covered in the reporting period.

(2) Each 30-day average sulfur content (weight percent), calculated during the reporting period, ending with the last 30-day period; reasons for any noncompliance with the standards; and a description of corrective actions taken.

(11) If fuel supplier certification is used to demonstrate compliance, records of fuel supplier certification is used to demonstrate compliance, records of fuel supplier certification as described under paragraph (f)(1) of this section. In addition to records of fuel supplier certifications, the report shall include a certified statement signed by the owner or operator of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the reporting period.

(f) Fuel supplier certification shall include the following information:

(1) For distillate oil:

(i) The name of the oil supplier;

(ii) A statement from the oil supplier that the oil complies with the specifications under the definition of



distillate oil in §60.41c; and

(iii) The sulfur content of the oil.

(g)(1) Except as provided under paragraph (g)(2) of this section, the owner or operator of each affected facility shall record and maintain records of the amount of each fuel combusted during each operating day.

(2) As an alternative to meeting the requirements of paragraph (g)(1) of this section, the owner or operator of an affected facility that combusts only natural gas, wood, fuels using fuel certification in §60.48c(f) to demonstrate compliance with the SO₂ standard, fuels not subject to an emissions standard (excluding opacity), or a mixture of these fuels may elect to record and maintain records of the amount of each fuel combusted during each calendar month.

(i) All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.

(j) The reporting period for the reports required under this subpart is each six-month calendar period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2008.

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



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 law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.



Condition 34: Contaminant List
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 34.1:

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 35: Unavoidable noncompliance and violations
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-1.4

Item 35.1:

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

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

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



requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

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

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

Condition 36: Emission Unit Definition
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-5

Item 36.1:

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

Emission Unit: 1-BLERS

Emission Unit Description:

The SUNY Oswego campus has four major boilers for heating. Three boilers burning natural gas and No. 6 fuel oil (may be converted to No. 2 oil), two rated at 59.9 MMBtu/hr and one rated at 36 MMBtu/hr, were installed in the summer of 2007. The fourth boiler burning only natural gas, rated at 42 MMBtu/hr, was installed in 1985. All boilers are located in Lee Hall (building #4).

Building(s): BLDG04

Condition 37: Air pollution prohibited
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable State Requirement:6NYCRR 211.2

Item 37.1:

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 38: Emission Point Definition By Emission Unit
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-5

Item 38.1:

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

Emission Unit: 1-BLERS

Emission Point: B0001 Removal Date: 06/30/2007
Height (ft.): 125 Diameter (in.): 72
NYTMN (km.): 4812.6 NYTME (km.): 375.8 Building: BLDG04

Emission Point: B0002
Height (ft.): 53 Diameter (in.): 33
NYTMN (km.): 4812.6 NYTME (km.): 375.5 Building: BLDG04

Emission Point: B0003
Height (ft.): 58 Diameter (in.): 36
NYTMN (km.): 4812.6 NYTME (km.): 375.5 Building: BLDG04

Emission Point: B0004
Height (ft.): 58 Diameter (in.): 32
NYTMN (km.): 4812.6 NYTME (km.): 375.5 Building: BLDG04

Emission Point: B0005
Height (ft.): 58 Diameter (in.): 24
NYTMN (km.): 4812.6 NYTME (km.): 375.5 Building: BLDG04

Condition 39: Process Definition By Emission Unit
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable State Requirement:6NYCRR 201-5

Item 39.1:

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

Emission Unit: 1-BLERS

Process: HTG Source Classification Code: 1-03-004-02

Process Description:

The campus utilizes four major boilers for heating purposes. Boiler #4 is approximately 42 MMBtu/hr and burns only natural gas. Boilers #5 and #6 are 59.9 MMBtu/hr each and burn both natural gas and No. 6 fuel oil (may be converted to No. 2 oil). Boiler #7 is 36 MMBtu/hr and burns both natural gas and #6 fuel oil (may be converted to No. 2 oil).



Emission Source/Control: 0BLR4 - Combustion
Design Capacity: 42 million Btu per hour

Emission Source/Control: 0BLR5 - Combustion
Design Capacity: 59.9 million Btu per hour

Emission Source/Control: 0BLR6 - Combustion
Design Capacity: 59.9 million Btu per hour

Emission Source/Control: 0BLR7 - Combustion
Design Capacity: 36 million Btu per hour

Condition 40: Compliance Demonstration
Effective between the dates of 05/05/2008 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 227-1.2(a)(2)

Item 40.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BLERS

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 40.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The particulate emission limit is 0.20 lb/mmBtu for a boiler or combination of boilers (connected to the same emission point) with a maximum heat input exceeding 50 mmBtu per hour but no greater than 250 mmBtu per hour firing oil, other than distillate oil.

Compliance testing must be performed at the discretion of the Department as per 6 NYCRR Part 202-1 in accordance with a Department approved protocol.

Upper Permit Limit: 0.20 pounds per million Btus

Reference Test Method: Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

New York State Department of Environmental Conservation

Permit ID: 7-3542-00068/00002

Facility DEC ID: 7354200068

