



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 2-6005-00556/00001
Mod 0 Effective Date: 12/13/2007 Expiration Date: 12/12/2012
Mod 1 Effective Date: 08/25/2009 Expiration Date: 12/12/2012

Permit Issued To: FORDHAM UNIVERSITY
441 EAST FORDHAM RD
BRONX, NY 10458

Facility: FORDHAM UNIVERSITY
441 EAST FORDHAM ROAD
BRONX, NY 10458

Contact: KEVIN P O'BRIEN
FORDHAM UNIVERSITY
441 E FORDHAM RD FMH RM 106
BRONX, NY 10458
(718) 817-4830

Description:

Fordham University is located at 441 East Fordham Road, Bronx, NY 10458. This is a University Campus with buildings, dedicated to teaching, faculty research, student/faculty residence halls, sports/recreational facilities and administrative offices. Original Title V permit was issued on 2/9/2002, since the NOx and SO2 emissions from the existing boilers exceed the Title V threshold. The original Title V permit was issued on 12/09/2002 with an expiration date of 12/08/2007. A modification was issued on 08/10/2007. Title V permit was renewed on 12/13/2007 with an expiration date of 12/12/2012. This permit is being modified to add an emergency generator for use in the event of an emergency.

This facility has two boiler rooms. Main boiler room (Emission Unit 1-THBLR) is located in Baud Hall. This Unit consists of three Cleaver Brooks Boilers rated at 21.01 mm btu/Hr each. Each fired with No.6 oil or natural gas. At any time only one fuel is fired.

Second Boiler room at Martyr's Court (Emission Unit 2- MC BLR) consists of two Cleaver Brooks boilers each rated at 10.5 MM BTU/ Hr, firing No. 4 or Natural gas. A smaller Cleaver Brooks boiler, rated at 6.3 MM BTU/ Hr, using natural gas or No.4 oil, also located here. At any time only one fuel is fired. Two AERLO Boilers (Both rated at 1.0 MMBTU/Hr) using natural gas are also located in this building.

The Title V permit was modified to construct and operate a new emission unit 3-DSPTH comprised of one 750KW, two 500 KW and one 50 KW (exempt) diesel engine dispatchable generators for demand reduction and emergency purposes; one 50 KW (exempt) and one portable 70 KW (exempt) diesel generators for emergency purposes. Facility has capped of New Source Review 6 NYCRR Part 231-2 applicability by limiting the NOx



emissions from this new emission unit to 22.5 tpy, by limiting operation hours of engines.

Fordham University Rose Hill Campus is in the process of adding an emergency generator unit rated at 350 KW power output (Kohler; Model: 350REOZDD) for use only in the event of an emergency. The facility will maintain records of its use as provided under 6 NYCRR Part 201-3.3(a) for this emergency unit.

The facility is subject to the requirement of a Title V permit under 6 NYCRR Sub Part 201-6. This Title V permit contains a complete listing of the Applicable Federal, State and compliance monitoring requirements for the facility, its emission units and emission points. The Facility is subject to the provisions of Title V for Sulfur Dioxide and Nitrogen Oxide emissions.

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 F CRYAN
NYSDEC
47-40 21ST ST
LONG ISLAND CITY, NY 11101-5407

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
 - Permit modifications, suspensions or revocations by the Department

Facility Level

- Submission of application for permit modification or renewal-REGION 2 HEADQUARTERS



DEC GENERAL CONDITIONS

**** General Provisions ****

For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions.

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

Applicable State Requirement: 6NYCRR 621.13

Item 1-1.1:

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 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 2 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 2 Headquarters
Division of Environmental Permits
1 Hunters Point Plaza, 4740 21st Street
Long Island City, NY 11101-5407
(718) 482-4997



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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BRONX, NY 10458

Facility: FORDHAM UNIVERSITY
441 EAST FORDHAM ROAD
BRONX, NY 10458

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

Mod 0 Permit Effective Date: 12/13/2007

Permit Expiration Date: 12/12/2012

Mod 1 Permit Effective Date: 08/25/2009

Permit Expiration Date: 12/12/2012



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6NYCRR 201-6.5(a)(7): Fees
- 3 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
- 4 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
- 6 6NYCRR 201-6.5(e): Compliance Certification
- 7 6NYCRR 202-2.1: Compliance Certification
- 8 6NYCRR 202-2.5: Recordkeeping requirements
- 9 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 10 6NYCRR 200.7: Maintenance of Equipment
- 11 6NYCRR 201-1.7: Recycling and Salvage
- 12 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 14 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 15 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
- 16 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
- 17 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
- 18 6NYCRR 201-6.5(f)(6): Off Permit Changes
- 19 6NYCRR 202-1.1: Required Emissions Tests
- 20 6NYCRR 211.3: Visible Emissions Limited
- 21 40CFR 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6NYCRR 201-6: Emission Unit Definition
- 24 6NYCRR 201-6.5(g): Non Applicable requirements
- 25 6NYCRR 202-1.2: Notification
- 26 6NYCRR 225.1(a)(3): Compliance Certification
- 27 6NYCRR 225.7(a): Compliance Certification
- 28 40CFR 61.145, NESHAP Subpart M: Standard for demolition and renovation

Emission Unit Level

- 29 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 30 6NYCRR 201-6: Process Definition By Emission Unit
- 31 6NYCRR 201-7: Emission Unit Permissible Emissions

EU=1-THBLR

- 32 6NYCRR 227-1.3(a): Compliance Certification
- 33 6NYCRR 227-2.4(d): Compliance Certification
- 34 6NYCRR 227.2(b)(1): Compliance Certification

EU=2-MCBLR

- 35 6NYCRR 227-1.3(a): Compliance Certification
- 36 6NYCRR 227-2.4(d): Compliance Certification
- 37 6NYCRR 227.2(b)(1): Compliance Certification

EU=3-DSPTH

- 38 6NYCRR 201-6.5(b)(2): Compliance Certification



*39 6NYCRR 201-7: Capping Monitoring Condition

*40 6NYCRR 201-7: Capping Monitoring Condition

EU=3-DSPTH,Proc=301,ES=00DG1

41 6NYCRR 227-2.5(c): Compliance Certification

42 6NYCRR 227-2.5(c): Compliance Certification

43 6NYCRR 227.2(b)(1): Compliance Certification

EU=3-DSPTH,Proc=302,ES=00DG2

44 6NYCRR 227-2.5(c): Compliance Certification

45 6NYCRR 227-2.5(c): Compliance Certification

46 6NYCRR 227.2(b)(1): Compliance Certification

EU=3-DSPTH,Proc=303,ES=00DG3

47 6NYCRR 227-2.5(c): Compliance Certification

48 6NYCRR 227-2.5(c): Compliance Certification

49 6NYCRR 227.2(b)(1): Compliance Certification

EU=3-DSPTH,Proc=401,ES=00DG4

50 6NYCRR 227-2.4(g): Compliance Certification

EU=3-DSPTH,EP=00003,Proc=301

51 6NYCRR 227-1.3: Compliance Certification

EU=3-DSPTH,EP=00004,Proc=302

52 6NYCRR 227-1.3: Compliance Certification

EU=3-DSPTH,EP=00005,Proc=303

53 6NYCRR 227-1.3: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

54 ECL 19-0301: Contaminant List

1-1 6NYCRR 201-1.4: Unavoidable noncompliance and violations

1-2 6NYCRR 211.2: Air pollution prohibited

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

The items listed below are not subject to the annual compliance certification requirements under Title V. Permittees may also have other obligations under regulations of general applicability.

Item A: 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 B: Public Access to Recordkeeping for Title V Facilities - 6NYCRR Part 201-1.10(b)

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.



- Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 201-6.3(a)(4)**
Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.
- Item D: Certification by a Responsible Official - 6 NYCRR Part 201-6.3(d)(12)**
Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- Item E: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(a)(2)**
The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.
- Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(a)(3)**
This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.
- Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR Part 201-6.5(a)(5)**
It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.
- Item H: Property Rights - 6 NYCRR Part 201-6.5(a)(6)**
This permit does not convey any property rights of any sort or any exclusive privilege.
- Item I: Severability - 6 NYCRR Part 201-6.5(a)(9)**



If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

Item J: Permit Shield - 6 NYCRR Part 201-6.5(g)

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of Title IV of the Act;
- iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item K: Reopening for Cause - 6 NYCRR Part 201-6.5(i)

This Title V permit shall be reopened and revised under any of the following circumstances:

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the



effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.

ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.

iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item L: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.



Item M: Federally Enforceable Requirements - 40 CFR 70.6(b)

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS
SUBJECT TO ANNUAL CERTIFICATIONS AT ALL TIMES**

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements at all times.

**Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 12/13/2007 and 12/12/2012**

Applicable Federal Requirement:6NYCRR 200.6

Item 1.1:

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.

**Condition 2: Fees
Effective between the dates of 12/13/2007 and 12/12/2012**

Applicable Federal Requirement:6NYCRR 201-6.5(a)(7)

Item 2.1:

The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0302.

**Condition 3: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 12/13/2007 and 12/12/2012**

Applicable Federal Requirement:6NYCRR 201-6.5(c)

Item 3.1:

The following information must be included in any required compliance monitoring records and reports:

- (i) The date, place, and time of sampling or measurements;



(ii) The date(s) analyses were performed;

(iii) The company or entity that performed the analyses;

(iv) The analytical techniques or methods used including quality assurance and quality control procedures if required;

(v) The results of such analyses including quality assurance data where required; and

(vi) The operating conditions as existing at the time of sampling or measurement.

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.3 of this Part 201.

Condition 4: Monitoring, Related Recordkeeping, and Reporting Requirements.

Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement: 6NYCRR 201-6.5(c)(2)

Item 4.1:

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

Condition 5: Compliance Certification

Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement: 6NYCRR 201-6.5(c)(3)(ii)

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To meet the requirements of this facility permit with respect to reporting, the permittee must:

Submit reports of any required monitoring at a minimum frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 30 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible



official for this facility.

Notify the Department and report permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations shall be submitted to the permitting authority based on the following schedule:

(1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.

(2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.

(3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.

(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.



The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. 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. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.5(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 6: Compliance Certification
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement: 6 NYCRR 201-6.5(e)

Item 6.1:

The Compliance Certification activity will be performed for the Facility.



Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Requirements for compliance certifications with terms and conditions contained in this facility permit include the following:

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions;and
 - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.
- iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.
- iv. All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:



USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101-5407

The address for the BCME is as follows:

NYSDEC
Bureau of Compliance Monitoring
and Enforcement
625 Broadway
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2008.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 202-2.1

Item 7.1:

The Compliance Certification activity will be performed for the Facility.

Item 7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April
15th each year for emissions of the previous calendar
year.

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 202-2.5

Item 8.1:



(a) The following records shall be maintained for at least five years:

- (1) a copy of each emission statement submitted to the department; and
- (2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

**Condition 9: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 12/13/2007 and 12/12/2012**

Applicable Federal Requirement:6NYCRR 215

Item 9.1:

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

**MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS
SUBJECT TO ANNUAL CERTIFICATIONS ONLY IF APPLICABLE**

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period.

[NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]

**Condition 10: Maintenance of Equipment
Effective between the dates of 12/13/2007 and 12/12/2012**

Applicable Federal Requirement:6NYCRR 200.7

Item 10.1:

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.

**Condition 11: Recycling and Salvage
Effective between the dates of 12/13/2007 and 12/12/2012**

Applicable Federal Requirement:6NYCRR 201-1.7

Item 11.1:

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 the ECL.



Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 201-1.8

Item 12.1:

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.

Condition 13: Exempt Sources - Proof of Eligibility
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 201-3.2(a)

Item 13.1:

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 this Subpart. 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 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.

Condition 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 201-3.3(a)

Item 14.1:

The owner and/or operator of an emission source or unit that is listed as being trivial in this Part may be required to certify that it operates within the specific criteria described in this Subpart. 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 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.

Condition 15: Standard Requirement - Provide Information
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 201-6.5(a)(4)

Item 15.1:

The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the



administrator initiated the request for information or otherwise has need of it.

Condition 16: General Condition - Right to Inspect
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 201-6.5(a)(8)

Item 16.1:

The department or an authorized representative shall be allowed upon presentation of credentials and other documents as may be required by law to:

(i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

(ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

(iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and

(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 17: Standard Requirements - Progress Reports
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 201-6.5(d)(5)

Item 17.1:

Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:

(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 18: Off Permit Changes
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 201-6.5(f)(6)

Item 18.1:

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit



(whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

(i) For each such change, the written notification required above shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.

(ii) The permit shield described in section 6 NYCRR 201-6.6 shall not apply to any change made pursuant to this paragraph.

Condition 19: Required Emissions Tests
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 202-1.1

Item 19.1:

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time. Such person shall bear the cost of measurement and preparing the report of measured emissions. Failure of such person to submit a report acceptable to the commissioner within the time stated shall be sufficient reason for the commissioner to suspend or deny a certificate to operate.

Condition 20: Visible Emissions Limited
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 211.3

Item 20.1:

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Condition 21: Accidental release provisions.
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:40CFR 68

Item 21.1:

If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
 - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided



in 40 CFR §68.10(a) or,

2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

Risk Management Plan Reporting Center
C/O CSC
8400 Corporate Dr
Carrollton, Md. 20785

Condition 22: Recycling and Emissions Reduction
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:40CFR 82, Subpart F

Item 22.1:

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

The following conditions are subject to annual compliance certification requirements for Title V permits only.

Condition 23: Emission Unit Definition
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 201-6

Item 23.1(From Mod 0):

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

Emission Unit: 1-THBLR

Emission Unit Description:

This emission unit includes three Cleaver-Brooks boilers, each rated at 21.01mmBtu/hr maximum firing rate. Each boiler is equipped with No.6 fuel oil or natural gas firing. At any time only one fuel is fired.

Building(s): 1
3

Item 23.2(From Mod 0):

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

Emission Unit: 2-MCBLR

Emission Unit Description:

Includes two Cleaver -Brooks boilers, each rated at 10.5mmBtu/hr maximum firing rate. Each boiler is equipped with No.4 fuel oil or natural gas firing. At any time only one fuel is fired.

Building(s): 2



Item 23.3(From Mod 0):

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

Emission Unit: 3-DSPTH

Emission Unit Description:

Emission unit consists of one 750 KW diesel generator and two 500 KW diesel generators, and one 50 KW diesel generator to be used for emergency and demand reduction purposes. The unit also includes one 70 KW portable diesel generator and one 50 KW diesel generator to be used for emergency purposes only.

Building(s): 4
5
6
7

Condition 24: Non Applicable requirements
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 201-6.5(g)

Item 24.1:

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

Condition 25: Notification
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 202-1.2

Item 25.1:

A person who is required by the commissioner to submit a stack test report shall notify the commissioner, in writing, not less than 30 days prior to the test, of the time and date of the test. Such notification shall also include the acceptable procedures to be used to stack test including sampling and analytical procedures. Such person shall allow the commissioner, or his representative, free access to observe stack testing being conducted by such person.

Condition 26: Compliance Certification
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 225.1(a)(3)

Item 26.1:

The Compliance Certification activity will be performed for the Facility.

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS



Monitoring Description:

No person shall sell, offer for sale, purchase or use any distillate oil which has sulfur content greater than 0.20 percent by weight. 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: 0.20 percent by weight
Monitoring Frequency: PER DELIVERY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 27: Compliance Certification
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 225.7(a)

Item 27.1:

The Compliance Certification activity will be performed for the Facility.

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The permittee shall retain fuel oil supplier certifications for each shipment of oil received. Such certifications shall contain, as a minimum, supplier name, date of shipment, quantity shipped, heating value of the oil, oil sulfur content, and the method used to determine the sulfur content. Such certifications shall be available for inspection by, or submitted to, the NYSDEC as per the stated reporting requirement.

Monitoring Frequency: PER DELIVERY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 28: Standard for demolition and renovation
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:40CFR 61.145, NESHAP Subpart M

Item 28.1: General: The demolition and renovation provisions of 40 CFR 61, Subpart M, section 145, have not been delegated to the New York State Department of Environmental Conservation. The United States Environmental Protection Agency is responsible for



implementation of the regulation and has a Memorandum of Understanding with the New York State Department of Labor which inspects demolition and renovation projects involving regulated asbestos containing material (RACM). The permittee shall comply with the demolition and renovation standards in 40 CFR §61.145, as applicable.

a) All of the requirements of 40 CFR §61.145(b), Notifications, and §61.145(c), Procedures for asbestos emission control, apply for demolition of a facility (as defined in §61.141) where the combined amount of RACM to be removed is:

i) at least 80 linear meters on pipes or at least 15 square meters on other facility components, or
ii) at least 1 cubic meter off facility components where the length or area could not be measured previously.

b) In a facility being demolished where the amount of RACM is less than the quantities above, only the notification requirements of paragraphs 61.145(b)(1), (2), (3)(i) and (iv), 4(i) through (vii), 4(ix), and 4(xvi) apply.

c) In a facility being renovated, all of the requirements of 40 CFR §61.145(b), Notifications, and §61.145(c), Procedures for asbestos emission control, apply if the combined amount of RACM to be stripped, removed, dislodged, cut, drilled, or similarly disturbed is:

i) at least 80 linear meters on pipes or at least 15 square meters on other facility components, or
ii) at least 1 cubic meter off facility components where the length or area could not be measured previously.

iii) to determine whether this applies to planned renovation operations including individual nonscheduled operations, the permittee shall predict the combined additive amount of RACM to be removed or stripped during each calendar year.

Item 28.2: Notification requirements: The permittee shall provide the USEPA Administrator with written notice of the intention to demolish or renovate as outlined in 40 CFR §61.145(b). The notice must be postmarked or delivered at least 10 working days before **asbestos stripping, removal, or demolition begins**. For planned renovation as described in **Item 28.1(c)(ii)** above, the permittee shall submit the notice at least 10 working days before the end of the calendar year preceding the year for which notice is being given.

Item 28.3: Procedures for asbestos emission control: The permittee shall comply with all applicable procedures for removal of RACM in 40 CFR §61.145(c). The procedures require, among other things that:

a) All RACM shall be removed before demolition or renovation, except under certain cases specified in §61.145(c)(i) through (iv).

b) All RACM being removed or stripped shall be adequately wetted and shall remain wetted until collected and contained or treated in preparation for disposal in accordance with 61.150, except as allowed in §61.145(c).

**** Emission Unit Level ****

Condition 29: Emission Point Definition By Emission Unit
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 201-6

Item 29.1(From Mod 0):



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

Emission Unit: 1-THBLR

Emission Point: 00001

Height (ft.): 80

Diameter (in.): 36

NYTMN (km.): 4523.6

NYTME (km.): 593.9

Building: 1

Item 29.2(From Mod 0):

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

Emission Unit: 2-MCBLR

Emission Point: 00002

Height (ft.): 80

Diameter (in.): 24

NYTMN (km.): 4523.6

NYTME (km.): 593.9

Building: 2

Item 29.3(From Mod 0):

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

Emission Unit: 3-DSPTH

Emission Point: 00003

Height (ft.): 20

Diameter (in.): 2

NYTMN (km.): 4523.6

NYTME (km.): 593.9

Building: 4

Emission Point: 00004

Height (ft.): 20

Diameter (in.): 2

NYTMN (km.): 4523.6

NYTME (km.): 593.9

Building: 5

Emission Point: 00005

Height (ft.): 20

Diameter (in.): 2

NYTMN (km.): 4523.6

NYTME (km.): 593.9

Building: 6

Condition 30: Process Definition By Emission Unit

Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 201-6

Item 30.1(From Mod 0):

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

Emission Unit: 1-THBLR

Process: 101

Source Classification Code: 1-02-004-02

Process Description:

Three Cleaver-Brooks boilers each rated at maximum fuel throughput of 21.01 MMBtu/hr. The boilers are located in the main boiler room. In this process, boilers are operating with # 6 oil.

Emission Source/Control: C1-CA - Combustion

Design Capacity: 21.01 million Btu per hour



Emission Source/Control: C1-CB - Combustion
Design Capacity: 21.01 million Btu per hour

Emission Source/Control: C1-CC - Combustion
Design Capacity: 21.01 million Btu per hour

Item 30.2(From Mod 0):

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

Emission Unit: 1-THBLR
Process: 102 Source Classification Code: 1-02-006-02
Process Description: In this process boilers are burning Natural Gas.

Emission Source/Control: C1-CA - Combustion
Design Capacity: 21.01 million Btu per hour

Emission Source/Control: C1-CB - Combustion
Design Capacity: 21.01 million Btu per hour

Emission Source/Control: C1-CC - Combustion
Design Capacity: 21.01 million Btu per hour

Item 30.3(From Mod 0):

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

Emission Unit: 2-MCBLR
Process: 201 Source Classification Code: 1-02-004-02
Process Description:
TWO CLEAVER-bROOKS BOILERS, EACH RATED AT
MAXIMUM FUEL THROUGHPUT OF 10.5 MMBTU/HR.
THE BOILERS ARE LOCATED IN MARTYR'S COURT
BOILER ROOM. THE BOILERS ARE CAPABLE OF
NO. 4 OIL OR NAT GAS FIRING, AT ANY TIME.
IN THIS PROCESS BOILERS OPERATES WITH # 4
OIL.

Emission Source/Control: C1-CF - Combustion
Design Capacity: 10.5 million Btu per hour

Emission Source/Control: C1-CG - Combustion
Design Capacity: 10.5 million Btu per hour

Item 30.4(From Mod 0):

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

Emission Unit: 2-MCBLR
Process: 202 Source Classification Code: 1-02-006-02
Process Description:
TWO CLEAVER-BROOKS BOILERS, EACH RATED AT
MAXIMUM FUEL THROUGHPUT OF 10.5 MMBTU/HR.
THE BOILERS ARE LOCATED IN MARTYR'S COURT
BOILER ROOM. THE BOILERS ARE CAPABLE OF
EITHER NO 4 OIL OR NAT GAS FIRING, AT ANY



TIME. IN THIS PROCESS BOILERS ARE BURNING
NATURAL GAS.

Emission Source/Control: C1-CF - Combustion
Design Capacity: 10.5 million Btu per hour

Emission Source/Control: C1-CG - Combustion
Design Capacity: 10.5 million Btu per hour

Item 30.5(From Mod 0):

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

Emission Unit: 3-DSPTH
Process: 301 Source Classification Code: 2-02-004-01

Process Description:

Process includes one 500 kw diesel-fired generator for emergency and demand reduction purposes. This is an existing caterpillar unit at Walsh Hall Library, previously used for emergency purposes only.

Emission Source/Control: 00DG1 - Combustion
Design Capacity: 500 kilowatts

Item 30.6(From Mod 0):

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

Emission Unit: 3-DSPTH
Process: 302 Source Classification Code: 2-02-004-01

Process Description:

Process includes one 750 KW diesel-fired generator for emergency and demand reduction purposes. This is a new unit which will be located at McGinley Center.

Emission Source/Control: 00DG2 - Combustion
Design Capacity: 750 kilowatts

Item 30.7(From Mod 0):

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

Emission Unit: 3-DSPTH
Process: 303 Source Classification Code: 2-02-004-01

Process Description:

Process includes one 500 kw diesel-fired generator for emergency and demand reduction purposes. This is a new unit which will be located at Lombardi Memorial Center.

Emission Source/Control: 00DG3 - Combustion
Design Capacity: 500 kilowatts

Item 30.8(From Mod 0):

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

Emission Unit: 3-DSPTH



Process: 401 Source Classification Code: 2-01-001-02
Process Description: Firing of diesel in the engine.

Emission Source/Control: 00DG4 - Combustion
Design Capacity: 50 kilowatts

Condition 31: Emission Unit Permissible Emissions
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 201-7

Item 31.1:

The sum of emissions from all regulated processes specified in this permit for the emission unit cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: 3-DSPTH

CAS No: 0NY210000 (From Mod 0)

Name: OXIDES OF NITROGEN

PTE(s): 49,999 pounds per year

46.72 pounds per hour

Condition 32: Compliance Certification
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 227-1.3(a)

Item 32.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-THBLR

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 32.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity (on a six minute block period) except for one six minute block period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

Operators of air contamination sources that 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(s) or vent(s) 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:

- weather condition
- was a plume observed?

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, then the 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 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.

Parameter Monitored: OPACITY

Upper Permit Limit: 27 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 33: Compliance Certification



Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 227-2.4(d)

Item 33.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-THBLR

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2008.

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

Condition 34: Compliance Certification

Effective between the dates of 12/13/2007 and 12/12/2012

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

Item 34.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-THBLR

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for a stationary combustion installation firing oil. The owner or operator shall complete the following once per term of this permit:

1) submit, to the Department, an acceptable protocol for the testing of particulate emission limit cited in this condition,



2) perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition, and

3) all records shall be maintained at the facility for a minimum of five years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 35: Compliance Certification
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement: 6NYCRR 227-1.3(a)

Item 35.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-MCBLR

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 35.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall emit greater than 20 percent opacity (on a six minute block period) except for one six minute block period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

Operators of air contamination sources that 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(s) or vent(s) 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:

- weather condition
- was a plume observed?

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, then the 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 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.

Parameter Monitored: OPACITY
Upper Permit Limit: 27 percent
Reference Test Method: Method 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 36: Compliance Certification
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement: 6NYCRR 227-2.4(d)

Item 36.1:



The Compliance Certification activity will be performed for:

Emission Unit: 2-MCBLR

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A boiler tune-up shall be performed annually. The owner or operator of a small boiler shall maintain a log (in the format acceptable to the Department) containing the following information: (1) The date which the equipment was adjusted; and (2) The name, title, and affiliation of the person who adjusted the equipment.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2008.

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

Condition 37: Compliance Certification

Effective between the dates of 12/13/2007 and 12/12/2012

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

Item 37.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-MCBLR

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for a stationary combustion installation firing oil. The owner or operator shall complete the following once per term of this permit:

- 1) submit, to the Department, an acceptable protocol for the testing of particulate emission limit cited in this condition,
- 2) perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition, and
- 3) all records shall be maintained at the facility for a



minimum of five years.

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.10 pounds per million Btus
Reference Test Method: Method 5
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 38: Compliance Certification
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 201-6.5(b)(2)

Item 38.1:

The Compliance Certification activity will be performed for:

Emission Unit: 3-DSPTH

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each engine shall be tuned-up a minimum of once each calendar year. Facility shall maintain a log (in a format acceptable to the Department) containing the following information for each engine:

- (1) the date tune-up was performed;
- (2) a summary of the items adjusted as part of the tune-up; and
- (3) the name, title and affiliation of the person(s) who performed the tune-up.

Monitoring Frequency: ANNUALLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 39: Capping Monitoring Condition
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 201-7

Item 39.1:

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 231-2

Item 39.2:

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

Item 39.3:

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 39.4:

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 39.5:

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 39.6:

The Compliance Certification activity will be performed for:

Emission Unit: 3-DSPTH

Regulated Contaminant(s):

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

Item 39.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

NOx emissions from this emission unit 3-DSPTH, which consists of one 750 KW (00DG2) and two 500 KW generators(00DG1 & 00DG3), one 50 KW generator(00DG4) and two emergency generators of 50 KW and 70 KW are limited to 22.5 tpy to cap out of 231-2 applicability.

Facility proposed to limit operating hours of 750 KW engine and two 500 KW engines to 850 hours per year each and the other three engines to 500 hours per year each to



limit the NOx emissions from this emission unit. The facility must calculate the monthly 12 month rolling total NOx emissions for the engines. Facility must maintain onsite records for all the six generators operation hours, fuel usage other supporting documentations to verify the permit limit.

Facility must submit a summary of report to the Department which should contain this emission unit's monthly 12 month rolling total of NOx emissions to demonstrate the compliance with the permit limit.

For engines 00DG1, 00DG2 and 00DG3, the NOx emissions calculations must be based on the emission factors determined from the most recent stack tests. The proposed NOx RACT limit (provided by manufacturer) 10.9 grams/bhp-hr for 00DG1, 00DG2 and 00DG3 shall be used until a stack test is performed for these engines.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 22.5 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 40: Capping Monitoring Condition
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 201-7

Item 40.1:

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 231-2

Item 40.2:

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

Item 40.3:

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 40.4:

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 40.5:

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 40.6:

The Compliance Certification activity will be performed for:

Emission Unit: 3-DSPTH

Regulated Contaminant(s):

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

Item 40.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Three generators: 00DG4 and the two emergency generators shall be limited to 500 hours per year each, in order to limit the NO_x emissions from this emission unit at 22.5 TPY. Records shall be kept at the facility for the operating hours of each engine.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 500 hours per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 41: Compliance Certification

Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement: 6NYCRR 227-2.5(c)

Item 41.1:

The Compliance Certification activity will be performed for:

Emission Unit: 3-DSPTH



Process: 301

Emission Source: 00DG1

Regulated Contaminant(s):

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

Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Operation hours of the engine shall be limited to 850 hrs per year.

Note. Annual NOx PTE used in NOx RACT analysis (May 2006) was calculated at 850 hours per year for each engine.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 850 hours per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 42: Compliance Certification

Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 227-2.5(c)

Item 42.1:

The Compliance Certification activity will be performed for:

Emission Unit: 3-DSPTH

Process: 301

Emission Source: 00DG1

Regulated Contaminant(s):

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

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Alternative NOx RACT emission limit for engine generator, 00DG1

Facility must perform stack emission test to verify permit limit. The owner or operator of a source required to conduct an emission test must:

1. Submit a compliance test protocol to the department for approval at least 30 days prior to emission testing,



follow the procedures set forth in Part 202 of this Title,

2. Submit a compliance test report containing the results of the emission test to the department no later than 60 days after completion of the emission test.

Upper Permit Limit: 10.9 grams per brake horsepower-hour
Reference Test Method: 40 cfr 60
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 43: Compliance Certification
Effective between the dates of 12/13/2007 and 12/12/2012

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

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: 3-DSPH
Process: 301 Emission Source: 00DG1

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

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for stationary combustion installation firing oil. The owner or operator shall complete the following once per term of this permit:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emission limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) All records shall be maintained at the facility for a minimum of five years.

Parameter Monitored: PARTICULATES



Upper Permit Limit: 0.10 pounds per million Btus
Reference Test Method: Method 5
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 44: Compliance Certification
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 227-2.5(c)

Item 44.1:

The Compliance Certification activity will be performed for:

Emission Unit: 3-DSPTH
Process: 302 Emission Source: 00DG2

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Operation hours of the engine shall be limited to 850 hrs
per year.

Note. Annual NOx PTE used in NOx RACT analysis (May 2006)
was calculated at 850 hours per year for each engine.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 850 hours per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 45: Compliance Certification
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 227-2.5(c)

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: 3-DSPTH



Process: 302

Emission Source: 00DG2

Regulated Contaminant(s):

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

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Alternative NOx RACT emission limit for engine generator 00DG2.

The facility must perform stack emission test to verify permit limit. The owner or operator of a source required to conduct an emission test must:

1. Submit a compliance test protocol to the department for approval at least 30 days prior to emission testing., follow the procedures set forth in Part 202 of this Title,
2. Submit a compliance test report containing the results of the emission test to the department no later than 60 days after completion of the emission test.

Upper Permit Limit: 10.9 grams per brake horsepower-hour

Reference Test Method: 40 cfr 60

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 46: Compliance Certification

Effective between the dates of 12/13/2007 and 12/12/2012

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

Item 46.1:

The Compliance Certification activity will be performed for:

Emission Unit: 3-DSPH

Process: 302

Emission Source: 00DG2

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 46.2:

Compliance Certification shall include the following monitoring:



Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for stationary combustion installation firing oil. The owner or operator shall complete the following once per term of this permit:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emission limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) All records shall be maintained at the facility for a minimum of five years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 47: Compliance Certification

Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement: 6NYCRR 227-2.5(c)

Item 47.1:

The Compliance Certification activity will be performed for:

Emission Unit: 3-DSPTH

Process: 303

Emission Source: 00DG3

Regulated Contaminant(s):

CAS No: 0NY210-00-0

OXIDES OF NITROGEN

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Operation hours of the engine shall be limited to 850 hrs per year.

Note. Annual NO_x PTE used in NO_x RACT analysis (May 2006) was calculated at 850 hours per year for each engine.



Work Practice Type: HOURS PER YEAR OPERATION
Upper Permit Limit: 850 hours per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 48: Compliance Certification
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement: 6NYCRR 227-2.5(c)

Item 48.1:

The Compliance Certification activity will be performed for:

Emission Unit: 3-DSPH
Process: 303 Emission Source: 00DG3

Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Alternative NOx RACT emission limit for engine generator
00DG2.

The facility must perform stack emission test to verify
permit limit. The owner or operator of a source required
to conduct an emission test must:

1. Submit a compliance test protocol to the department for
approval at least 30 days prior to emission testing.,
follow the procedures set forth in Part 202 of this
Title,
2. Submit a compliance test report containing the results
of the emission test to the department no later than 60
days after completion of the emission test.

Upper Permit Limit: 10.9 grams per brake horsepower-hour
Reference Test Method: 40 cfr 60
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.



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

Condition 49: Compliance Certification
Effective between the dates of 12/13/2007 and 12/12/2012

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

Item 49.1:

The Compliance Certification activity will be performed for:

Emission Unit: 3-DSPTH

Process: 303

Emission Source: 00DG3

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for stationary combustion installation firing oil. The owner or operator shall complete the following once per term of this permit:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emission limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) All records shall be maintained at the facility for a minimum of five years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 50: Compliance Certification
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 227-2.4(g)

Item 50.1:



The Compliance Certification activity will be performed for:

Emission Unit: 3-DSPTH

Process: 401

Emission Source: 00DG4

Regulated Contaminant(s):

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

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall operate and perform maintenance on this engine as recommended by the manufacturer. The records of the maintenance performed shall be kept at the facility for a minimum of five years.

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 4/30/2008.

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

Condition 51: Compliance Certification

Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement:6NYCRR 227-1.3

Item 51.1:

The Compliance Certification activity will be performed for:

Emission Unit: 3-DSPTH

Emission Point: 00003

Process: 301

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 51.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity limit and monitoring requirement for all the emission sources under this emission unit;

No owner or operator of a combustion installation shall emit greater than 20 percent opacity (on a six minute block period) except for one six minute block period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40



CFR 60.

Operators of air contamination sources that 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(s) or vent(s) 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:

- weather condition
- was a plume observed?

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, then the 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 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.

Parameter Monitored: OPACITY

Upper Permit Limit: 27 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



Reports due 30 days after the reporting period.
The initial report is due 4/30/2008.
Subsequent reports are due every 6 calendar month(s).

Condition 52: Compliance Certification
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement: 6NYCRR 227-1.3

Item 52.1:

The Compliance Certification activity will be performed for:

Emission Unit: 3-DSPTH Emission Point: 00004
Process: 302

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

Item 52.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Opacity limit and monitoring requirement for all the
emission sources under this emission unit;

No owner or operator of a combustion installation shall
emit greater than 20 percent opacity (on a six minute
block period) except for one six minute block period per
hour, not to exceed 27 percent, based upon the six minute
average in reference test method 9 in Appendix A of 40
CFR 60.

Operators of air contamination sources that 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(s) or vent(s) 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:

- weather condition
- was a plume observed?

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, then the 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 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.

Parameter Monitored: OPACITY

Upper Permit Limit: 27 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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

Condition 53: Compliance Certification
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable Federal Requirement: 6NYCRR 227-1.3

Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: 3-DSPTH

Emission Point: 00005

Process: 303

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 53.2:

Compliance Certification shall include the following monitoring:



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

Monitoring Description:

Opacity limit and monitoring requirement for all the emission sources under this emission unit;

No owner or operator of a combustion installation shall emit greater than 20 percent opacity (on a six minute block period) except for one six minute block period per hour, not to exceed 27 percent, based upon the six minute average in reference test method 9 in Appendix A of 40 CFR 60.

Operators of air contamination sources that 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(s) or vent(s) 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:

- weather condition
- was a plume observed?

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, then the 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 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.

Parameter Monitored: OPACITY

Upper Permit Limit: 27 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2008.

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: 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 applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.

Condition 54: Contaminant List
Effective between the dates of 12/13/2007 and 12/12/2012

Applicable State Requirement:ECL 19-0301

Item 54.1:

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

CAS No: 0NY075-00-0
Name: PARTICULATES

CAS No: 0NY210-00-0



Name: OXIDES OF NITROGEN

**Condition 1-1: Unavoidable noncompliance and violations
Effective between the dates of 08/25/2009 and 12/12/2012**

Applicable State Requirement: 6NYCRR 201-1.4

Item 1-1.1:

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 1-2: Air pollution prohibited
Effective between the dates of 08/25/2009 and 12/12/2012

Applicable State Requirement:6NYCRR 211.2

Item 1-2.1:

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

New York State Department of Environmental Conservation

Permit ID: 2-6005-00556/00001

Facility DEC ID: 2600500556

