

New York State Department of Environmental Conservation
Facility DEC ID: 1472800245



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 1-4728-00245/00012
Mod 0 Effective Date: 06/24/2002 Expiration Date: No expiration date.
Mod 1 Effective Date: 11/03/2005 Expiration Date: No expiration date.

Permit Issued To: NYS OFFICE OF MENTAL HEALTH
44 HOLLAND AVE
ALBANY, NY 12229

Contact: A SCOTT BARD
NYS OFFICE OF MENTAL HEALTH - CDPC
75 NEW SCOTLAND AVE
ALBANY, NY 12208
(518) 473-5823

Facility: NYS PILGRIM PSYCHIATRIC CENTER
OFF SAGTIKOS STATE PARKWAY
WEST BRENTWOOD, NY 11717

Contact: BOB RYAN
PILGRIM PSYCHIATRIC CENTER
998 CROOKED HILL RD
BRENTWOOD, NY 11717
(631) 761-3227

Description:
This project is comprised of five new dual-fuel fired boilers (natural gas and distillate oil) The new boilers are four Cleaver-Brooks Model CB(LE) 200-700-150 boilers with a heat input below 30 mmBtu/hr each and one Cleaver-Brooks Model CB(LE) 200-400-150 boiler rated at 16.7 mmBtu/hr. The entire facility shall cap below 22.5 tons per year of NOx emissions. By accepting this cap the facility shall not be subject to the requirements of 6 NYCRR Subpart 201-6 Title V, 227-2 NOx RACT, and 231-2 New Source Review in Non-Attainment Areas.

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

Permit Administrator: ROGER EVANS
 DIVISION OF ENVIRONMENTAL PERMITS
 SUNY CAMPUS, LOOP ROAD, BUILDING 40
 STONY BROOK, NY 11790-2356

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal-REGION 1
HEADQUARTERS

Submission of Applications for Permit Modification or Renewal-REGION 2
HEADQUARTERS



DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:

The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301.2(m)

Item 2.1:

Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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

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transfer of ownership.

Condition 4: Permit Modifications, Suspensions and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 4.1:

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

- a) materially false or inaccurate statements in the permit application or supporting papers;
- b) failure by the permittee to comply with any terms or conditions of the permit;
- c) exceeding the scope of the project as described in the permit application;
- d) newly discovered material information or a material change in environmental conditions, 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 1-1: Submission of Applications for Permit Modification or Renewal-REGION 1 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 1-1.1:

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

NYSDEC Regional Permit Administrator
Region 1 Headquarters
Division of Environmental Permits
SUNY Campus, Loop Road, Building 40
Stony Brook, NY 11790-2356
(631) 444-0365

Condition 5: Submission of Applications for Permit Modification or Renewal-REGION 2 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Expired by Mod No: 1

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



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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: NYS OFFICE OF MENTAL HEALTH
44 HOLLAND AVE
ALBANY, NY 12229

Facility: NYS PILGRIM PSYCHIATRIC CENTER
OFF SAGTIKOS STATE PARKWAY
WEST BRENTWOOD, NY 11717

Authorized Activity By Standard Industrial Classification Code:
8063 - PSYCHIATRIC HOSPITALS

Mod 0 Permit Effective Date: 06/24/2002

Permit Expiration Date: No expiration date.

Mod 1 Permit Effective Date: 11/03/2005

Permit Expiration Date: No expiration date.



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1-1 6NYCRR 201-7: Facility Permissible Emissions
- *1-2 6NYCRR 201-7: Capping Monitoring Condition
- 1-3 6NYCRR 225-1.2(a)(2): Compliance Demonstration
- 1-4 6NYCRR 227.2(b)(1): Compliance Demonstration

Emission Unit Level

EU=U-00002

- 9 6NYCRR 227-1.3: Compliance Demonstration
- 11 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 12 40CFR 60.7(a), NSPS Subpart A: Date of construction notification.
- 13 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 17 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 20 40CFR 60.8(d), NSPS Subpart A: Prior notice.
- 21 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 24 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 25 40CFR 60.12, NSPS Subpart A: Circumvention.
- 28 40CFR 60.15, NSPS Subpart A: Reconstruction.
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STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 43 ECL 19-0301: Contaminant List
- 44 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 45 6NYCRR 201-5: Emission Unit Definition
- 46 6NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 47 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 48 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6NYCRR Part 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6NYCRR Part 200.6

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Item C: Maintenance of Equipment - 6NYCRR Part 200.7

Any person who owns or operates an air contamination

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source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

Item D: Unpermitted Emission Sources - 6NYCRR Part 201-1.2

If an existing emission source was subject to the permitting requirements of 6NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

(a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.

(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: Emergency Defense - 6NYCRR Part 201-1.5

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;

(2) The equipment at the permitted facility causing the emergency was at the time being properly operated;

(3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

(4) The facility owner and/or operator notified the Department within two working days after the event



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occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.

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

Item F: Recycling and Salvage - 6NYCRR Part 201-1.7

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6NYCRR Part 201-1.8

No person shall unnecessarily remove, handle, or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR Part 201-3.2(a)

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR Part 201-3.3(a)

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific



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criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item J: Required Emission Tests - 6 NYCRR Part 202-1.1

An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6NYCRR Part 202-1.

Item K: Visible Emissions Limited - 6 NYCRR Part 211.3

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

Item L: Open Fires - 6 NYCRR Part 215

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

Item M: Permit Exclusion - ECL 19-0305

The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not



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limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

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

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

FEDERAL APPLICABLE REQUIREMENTS

The following conditions are federally enforceable.

Condition 1-1: Facility Permissible Emissions

Effective between the dates of 11/03/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-1.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 0NY210-00-0 (From Mod 1) PTE: 45,000 pounds per year
Name: OXIDES OF NITROGEN

Condition 1-2: Capping Monitoring Condition

Effective between the dates of 11/03/2005 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 201-7

Item 1-2.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable



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requirement(s) that the facility, emission unit or process would otherwise be subject to:

6NYCRR 201-6

Item 1-2.2:

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

Item 1-2.3:

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

Item 1-2.4:

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

Item 1-2.5:

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

Item 1-2.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 1-2.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility wide emissions of Oxides of Nitrogen, NO_x, are limited to 22.5 tons per year. By maintaining this cap, the facility will not be subject to the Title V requirements. Record keeping according to conditions in this permit. Records shall be kept on site for at least five years.

Monitoring Frequency: ANNUALLY

Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY

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Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 1-3: Compliance Demonstration

Effective between the dates of 11/03/2005 and Permit Expiration Date

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

Replaces Condition(s) 5

Item 1-3.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 1-3.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.2 percent by weight

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2006.

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

Condition 1-4: Compliance Demonstration

Effective between the dates of 11/03/2005 and Permit Expiration Date

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

Item 1-4.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-00002



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Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 1-4.2:

Compliance Demonstration 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 upon request from the Department:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emission. Two copies of the protocol are required.
- 2) Perform a stack test based on the approved protocol to determine compliance with the emission limit cited on this condition.
- 3) Submit to the Department a stack test report. Two copies of the report are required.
- 4) All records associated with this condition shall be kept on site for at least five years.

Upper Permit Limit: 0.1 pounds per million Btus

Reference Test Method: 40 CFR 60 Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

Condition 9: Compliance Demonstration

Effective between the dates of 06/24/2002 and Permit Expiration Date

Applicable Federal Requirement: 6NYCRR 227-1.3

Item 9.1:

The Compliance Demonstration activity will be performed for:

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Emission Unit: U-00002

Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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

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

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

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

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**** 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.

Monitoring Frequency: DAILY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 11: EPA Region 2 address.
Effective between the dates of 06/24/2002 and Permit Expiration Date**

Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A

Item 11.1:

This Condition applies to Emission Unit: U-00002

Item 11.2:

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

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

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

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

**Condition 12: Date of construction notification.
Effective between the dates of 06/24/2002 and Permit Expiration Date**



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

Item 12.1:

This Condition applies to Emission Unit: U-00002

Item 12.2:

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

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

Condition 13: Recordkeeping requirements.

Effective between the dates of 06/24/2002 and Permit Expiration Date

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

Item 13.1:

This Condition applies to Emission Unit: U-00002

Item 13.2:

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



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inoperative.

Condition 17: Performance testing timeline.
Effective between the dates of 06/24/2002 and Permit Expiration Date

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

Item 17.1:

This Condition applies to Emission Unit: U-00002

Item 17.2:

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

Condition 20: Prior notice.
Effective between the dates of 06/24/2002 and Permit Expiration Date

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

Item 20.1:

This Condition applies to Emission Unit: U-00002

Item 20.2:

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

Condition 21: Performance testing facilities.
Effective between the dates of 06/24/2002 and Permit Expiration Date

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

Item 21.1:

This Condition applies to Emission Unit: U-00002

Item 21.2:

The following performance testing facilities shall be provided during all tests:

- 1) sampling ports adequate for tests methods applicable to such facility;
- 2) a safe sampling platform;
- 3) a safe access to the sampling platform; and
- 4) utilities for sampling and testing equipment.

Condition 24: Opacity standard compliance testing.



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Applicable Federal Requirement: 40CFR 60.11, NSPS Subpart A

Item 24.1:

This Condition applies to Emission Unit: U-00002

Item 24.2:

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

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

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

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

Condition 25: Circumvention.

Effective between the dates of 06/24/2002 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A

Item 25.1:

This Condition applies to Emission Unit: U-00002

Item 25.2:

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

Condition 28: Reconstruction.

Effective between the dates of 06/24/2002 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.15, NSPS Subpart A

Item 28.1:

This Condition applies to Emission Unit: U-00002

Item 28.2:

The following shall be submitted to the Administrator prior to reconstruction (as defined in section 60.15):

1) a notice of intent to reconstruct 60 days prior to the action;

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- 2) name and address of the owner or operator;
- 3) the location of the existing facility;
- 4) a brief description of the existing facility and the components to be replaced;
- 5) a description of the existing air pollution control equipment and the proposed air pollution control equipment;
- 6) an estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new facility;
- 7) the estimated life of the facility after the replacements; and
- 8) a discussion of any economic or technical limitations the facility may have in complying with the applicable standards of performance after the proposed replacements.

Condition 39: Compliance Demonstration
Effective between the dates of 06/24/2002 and Permit Expiration Date

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

Item 39.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00002

Item 39.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2002.

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



STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

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

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1) , and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

Item B: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

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

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law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 43: Contaminant List

Effective between the dates of 06/24/2002 and Permit Expiration Date

Applicable State Requirement: ECL 19-0301

Item 43.1:

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

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

Condition 44: Unavoidable noncompliance and violations

Effective between the dates of 06/24/2002 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-1.4

Item 44.1:

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



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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 45: Emission Unit Definition

Effective between the dates of 06/24/2002 and Permit Expiration Date

Applicable State Requirement: 6NYCRR 201-5

Item 45.1(From Mod 1):

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

Emission Unit: U-00002

Emission Unit Description:

This emission unit contains five boilers in the newly proposed central heating plant.

Building(s): 117

Item 45.2(From Mod 0):

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

Emission Unit: U-00001 End Date: 11/04/2003

Emission Unit Description:

This emission unit contains the four existing boilers which fire natural gas or distillate oil.

Item 45.3(From Mod 0):

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



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Emission Unit: U-00003 End Date: 11/04/2003

Emission Unit Description:

This emission unit contains the four diesel fired reciprocating engines.

**Condition 46: Air pollution prohibited
Effective between the dates of 06/24/2002 and Permit Expiration Date**

Applicable State Requirement: 6NYCRR 211.2

Item 46.1:

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

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

**Condition 47: Emission Point Definition By Emission Unit
Effective between the dates of 06/24/2002 and Permit Expiration Date**

Applicable State Requirement: 6NYCRR 201-5

Item 47.1(From Mod 1):

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

Emission Unit: U-00002

Emission Point: 10001

Height (ft.): 60

Diameter (in.): 24

Building: 117

Emission Point: 10002

Height (ft.): 60

Diameter (in.): 24

Building: 117

Emission Point: 10003

Height (ft.): 60

Diameter (in.): 24

Building: 117

Emission Point: 10004

Height (ft.): 60

Diameter (in.): 24

Building: 117



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Emission Point: 10005

Height (ft.): 60

Diameter (in.): 24

Building: 117

Item 47.2(From Mod 0):

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

Emission Unit: U-00001

Emission Point: EB001

Height (ft.): 39

NYTMN (km.): 4516.1

Removal Date: 11/04/2003

Diameter (in.): 60

NYTME (km.): 645.

Building: EPP

Emission Point: EB002

Height (ft.): 39

NYTMN (km.): 4516.1

Removal Date: 11/04/2003

Diameter (in.): 60

NYTME (km.): 645.

Building: EPP

Emission Point: EB003

Height (ft.): 39

NYTMN (km.): 4516.1

Removal Date: 11/04/2003

Diameter (in.): 60

NYTME (km.): 645.

Building: EPP

Emission Point: EB004

Height (ft.): 39

NYTMN (km.): 4516.1

Removal Date: 11/04/2003

Diameter (in.): 60

NYTME (km.): 645.

Building: EPP

Item 47.3(From Mod 0):

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

Emission Unit: U-00003

Emission Point: 20001

Height (ft.): 20

Removal Date: 11/04/2003

Diameter (in.): 16

Building: 117

Emission Point: 20002

Height (ft.): 21

Removal Date: 11/04/2003

Diameter (in.): 16

Building: 117

Emission Point: 20003

Height (ft.): 21

Removal Date: 11/04/2003

Diameter (in.): 16

Building: 117

Emission Point: 20004

Height (ft.): 21

Removal Date: 11/04/2003

Diameter (in.): 14

Building: 117



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**Condition 48: Process Definition By Emission Unit
Effective between the dates of 06/24/2002 and Permit Expiration Date**

Applicable State Requirement: 6NYCRR 201-5

Item 48.1(From Mod 1):

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

Emission Unit: U-00002

Process: NB1

Source Classification Code: 1-03-005-01

Process Description:

Five dual fuel fired boilers (distillate oil firing).

Emission Source/Control: NB001 - Combustion

Design Capacity: 29.9 million Btu per hour

Emission Source/Control: NB002 - Combustion

Design Capacity: 29.9 million Btu per hour

Emission Source/Control: NB003 - Combustion

Design Capacity: 29.9 million Btu per hour

Emission Source/Control: NB004 - Combustion

Design Capacity: 29.9 million Btu per hour

Emission Source/Control: NB005 - Combustion

Design Capacity: 16.7 million Btu per hour

Item 48.2(From Mod 1):

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

Emission Unit: U-00002

Process: NB2

Source Classification Code: 1-03-006-02

Process Description: Five dual fuel fired boilers (natural gas firing).

Emission Source/Control: NB001 - Combustion

Design Capacity: 29.9 million Btu per hour

Emission Source/Control: NB002 - Combustion

Design Capacity: 29.9 million Btu per hour

Emission Source/Control: NB003 - Combustion

Design Capacity: 29.9 million Btu per hour

Emission Source/Control: NB004 - Combustion

Design Capacity: 29.9 million Btu per hour



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Emission Source/Control: NB005 - Combustion

Design Capacity: 16.7 million Btu per hour

Item 48.3(From Mod 0):

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

Emission Unit: U-00001

Process: EB1

Source Classification Code: 1-03-005-01

Process Description:

Four dual fuel fired boilers (distillate oil firing).

Emission Source/Control: EB001 - Combustion

Removal Date: 11/04/2003

Design Capacity: 93 million Btu per hour

Emission Source/Control: EB002 - Combustion

Removal Date: 11/04/2003

Design Capacity: 92 million Btu per hour

Emission Source/Control: EB003 - Combustion

Removal Date: 11/04/2003

Design Capacity: 92 million Btu per hour

Emission Source/Control: EB004 - Combustion

Removal Date: 11/04/2003

Design Capacity: 92 million Btu per hour

Item 48.4(From Mod 0):

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

Emission Unit: U-00001

Process: EB2

Source Classification Code: 1-03-006-02

Process Description: Four Dual fuel fired boilers (natural gas firing).

Emission Source/Control: EB001 - Combustion

Removal Date: 11/04/2003

Design Capacity: 93 million Btu per hour

Emission Source/Control: EB002 - Combustion

Removal Date: 11/04/2003

Design Capacity: 92 million Btu per hour

Emission Source/Control: EB003 - Combustion

Removal Date: 11/04/2003

Design Capacity: 92 million Btu per hour

Emission Source/Control: EB004 - Combustion

Removal Date: 11/04/2003

Design Capacity: 92 million Btu per hour

Item 48.5(From Mod 0):

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

Emission Unit: U-00003

Process: ICE

Source Classification Code: 2-02-004-01



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Process Description: Four large bore diesel engines (non-emergency).

Emission Source/Control: ICE01 - Combustion Removal Date: 09/15/2003
Design Capacity: 1,625 kilowatts

Emission Source/Control: ICE02 - Combustion Removal Date: 09/15/2005
Design Capacity: 1,500 kilowatts

Emission Source/Control: ICE03 - Combustion Removal Date: 09/15/2005
Design Capacity: 1,500 kilowatts

Emission Source/Control: ICE04 - Combustion Removal Date: 09/15/2005
Design Capacity: 1,750 kilowatts