



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 5-0930-00001/00033
Effective Date: 09/04/2001 Expiration Date: 06/30/2015

Permit Issued To: NORTHSTAR 41 LLC
1 LINCOLN BLVD
ROUSES POINT, NY 12979

Facility: WYETH RESEARCH
641 RIDGE RD
CHAZY, NY 12921

Description:

Wyeth-Ayerst Drug Safety Evaluation Laboratory conducts nonclinical toxicology studies to support pharmaceutical research and development for both human and veterinary use. Regulated processes include boilers which provide steam for process and comfort heat, generators to provide emergency power and to increase cooling capacity during summer months and an incinerator.

Limits on fuel use cap the facility below major source levels for nitrogen oxides and sulfur dioxide. The facility is a minor source of other pollutants. Boiler operations are regulated by 40CFR 60 Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units) and 6NYCRR Part 227 (Stationary Combustion Installations). Generators are also regulated under 6NYCRR Part 227. The incinerator is regulated by 6NYCRR Subpart 219-5 (Existing Incinerators).

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: ROBERT P FORRESTER
NYSDEC
PO BOX 296
RAY BROOK, NY 12977-0296

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 and Modifications
- Permit Modifications, Suspensions, and Revocations by the Department

Facility Level

- Submission of Applications for Permit Modification or Renewal
- REGION 5 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: 6 NYCRR 621.13 (a)

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.

Condition 4: Permit Modifications, Suspensions, and Revocations by the Department

Applicable State Requirement: 6 NYCRR 621.14

Item 4.1:

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for modification, suspension or revocation include:



- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

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

Condition 5: Submission of Applications for Permit Modification or Renewal -REGION 5 HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.5 (a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 5 Headquarters
Division of Environmental Permits
Route 86, PO Box 296
Ray Brook, NY 12977-0296
(518) 897-1234

New York State Department of Environmental Conservation

Permit ID: 5-0930-00001/00033

Facility DEC ID: 5093000001



Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

Permit Issued To: NORTHSTAR 41 LLC
1 LINCOLN BLVD
ROUSES POINT, NY 12979

Facility: WYETH RESEARCH
641 RIDGE RD
CHAZY, NY 12921

Authorized Activity By Standard Industrial Classification Code:
8734 - TESTING LABORATORIES

Permit Effective Date: 09/04/2001

Permit Expiration Date: 06/30/2015



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

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- 5 6 NYCRR 201-1.4: Unavoidable Noncompliance and Violations
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- 15 6 NYCRR 201-7.2 (e): Compliance Demonstration
- 16 6 NYCRR 202-1.1: Required emissions tests
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Emission Unit Level

EU=0-00001

- 19 6 NYCRR 227-1.3: Compliance Demonstration
- 20 40CFR 60.42c(d), NSPS Subpart Dc: Fuel Sulfur Limitation
- 21 40CFR 60.48c(e)(11), NSPS Subpart Dc: Compliance Demonstration
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EU=0-00002

- 24 6 NYCRR 219-5.2 (a): Particulate matter limitation.
- 25 6 NYCRR 219-5.5: Abatement

EU=0-00002,EP=00074,Proc=002,ES=00004

- 26 6 NYCRR 219-5.3 (a): Compliance Demonstration

EU=0-00003

- 27 6 NYCRR 227-1.3 (a): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 28 6 NYCRR Subpart 201-5: General Provisions
- 29 6 NYCRR Subpart 201-5: Permit Exclusion Provisions
- 30 6 NYCRR Subpart 201-5: Emission Unit Definition
- 31 6 NYCRR 201-5.3 (b): Contaminant List
- 32 6 NYCRR 211.2: Air pollution prohibited



Emission Unit Level

- 33 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
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EU=0-00001,EP=00007

- 35 6 NYCRR 227-1.2 (a) (2): Compliance Demonstration

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS
****** Facility Level ******

Condition 1: Sealing
Effective between the dates of 09/04/2001 and 06/30/2015

Applicable Federal Requirement:6 NYCRR 200.5

Item 1.1:

(a) 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 labelling 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.

(b) 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.

(c) Unless authorized by the commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section

Condition 2: Acceptable ambient air quality
Effective between the dates of 09/04/2001 and 06/30/2015

Applicable Federal Requirement:6 NYCRR 200.6

Item 2.1:

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 3: Maintenance of equipment
Effective between the dates of 09/04/2001 and 06/30/2015

Applicable Federal Requirement:6 NYCRR 200.7

Item 3.1:

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 4: Unpermitted Emission Sources
Effective between the dates of 09/04/2001 and 06/30/2015



Applicable Federal Requirement:6 NYCRR 201-1.2

Item 4.1:

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.

**Condition 5: Unavoidable Noncompliance and Violations
Effective between the dates of 09/04/2001 and 06/30/2015**

Applicable Federal Requirement:6 NYCRR 201-1.4

Item 5.1:

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 or certificate issued for the corresponding air contamination source. 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.
- (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.

Condition 6: Emergency Defense
Effective between the dates of 09/04/2001 and 06/30/2015

Applicable Federal Requirement:6 NYCRR 201-1.5

Item 6.1:

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.

Condition 7: Recycling and Salvage
Effective between the dates of 09/04/2001 and 06/30/2015

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 7.1:

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 6 NYCRR.

Condition 8: Prohibition of Reintroduction of Collected Contaminants to the Air
Effective between the dates of 09/04/2001 and 06/30/2015



Applicable Federal Requirement:6 NYCRR 201-1.8

Item 8.1:

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 9: Public Access to Recordkeeping
Effective between the dates of 09/04/2001 and 06/30/2015

Applicable Federal Requirement:6 NYCRR 201-1.10 (a)

Item 9.1:

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.

Condition 10: Proof of Eligibility
Effective between the dates of 09/04/2001 and 06/30/2015

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

Item 10.1:

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 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.

Condition 11: Proof of Eligibility
Effective between the dates of 09/04/2001 and 06/30/2015

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

Item 11.1:

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

New York State Department of Environmental Conservation

Permit ID: 5-0930-00001/00033

Facility DEC ID: 5093000001



Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

On an annual basis 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 within the limits imposed by the emissions cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to those threshold levels that would require compliance with an applicable requirement or the submission of an application for a Title V permit.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2002.

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

Condition 16: Required emissions tests
Effective between the dates of 09/04/2001 and 06/30/2015

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 16.1:

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.

Condition 17: Visible emissions limited.
Effective between the dates of 09/04/2001 and 06/30/2015

Applicable Federal Requirement:6 NYCRR 211.3

Item 17.1:

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 18: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 09/04/2001 and 06/30/2015

Applicable Federal Requirement:6 NYCRR Part 215

Item 18.1:

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.



**** Emission Unit Level ****

Condition 19: Compliance Demonstration
Effective between the dates of 09/04/2001 and 06/30/2015

Applicable Federal Requirement:6 NYCRR 227-1.3

Item 19.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Item 19.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

1) When burning oil, observe the boiler stack once per day during daylight hours for visible emissions.

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 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 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 on a 6-minute average) of the affected emission point 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. The standard is contravened if opacity is greater than 20% except for one six-minute period per hour of not more than 27%. 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.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: USEPA Method 9

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

Condition 20: Fuel Sulfur Limitation

Effective between the dates of 09/04/2001 and 06/30/2015

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

Item 20.1:

This Condition applies to Emission Unit: 0-00001

Item 20.2:

The permittee shall not fire fuel oil which exceeds 0.50 percent sulfur by weight.

Condition 21: Compliance Demonstration

Effective between the dates of 09/04/2001 and 06/30/2015

Applicable Federal Requirement:40CFR 60.48c(e)(11), NSPS Subpart Dc

Item 21.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 21.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or



percent reduction requirements under §60.43c shall keep records as required under §60.48c(d) including the following information.

If fuel supplier certification is used to demonstrate compliance, records of fuel supplier certification as described under paragraph §60.48c(f)(1)(2) or (3). In addition to records of fuel supplier certification, the semi-annual report shall include a certified statement signed by the owner or operator of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the quarter.

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 1/30/2002.

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

Condition 22: Compliance Demonstration
Effective between the dates of 09/04/2001 and 06/30/2015

Applicable Federal Requirement:40CFR 60.48c(f)(1), NSPS Subpart Dc

Item 22.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 22.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Fuel supplier certification shall include the following information for distillate oil:

i) The name of the oil supplier, and

ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c. 60-Dc 41c defines distillate oil as fuel that complies with the specifications for fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, A standard Specification for Fuel Oils.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

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DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2002.
Subsequent reports are due every 6 calendar month(s).

Condition 23: Compliance Demonstration
Effective between the dates of 09/04/2001 and 06/30/2015

Applicable Federal Requirement:40CFR 60.48c(f)(2), NSPS Subpart Dc

Item 23.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001

Item 23.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner and/or operator of the affected facility shall maintain records containing the following data:

- i) name of the residual oil supplier;
- ii) the location of the oil when the sample was drawn for analysis of the sulfur content of the oil, specifically including whether the oil was sampled as delivered to the affected facility, or whether the sample was drawn from oil storage at the oil supplier's or oil refiner's facility, or other location;
- iii) the sulfur content of the oil from which the shipment came (or of the shipment itself); and
- iv) the method used to determine the sulfur content of the oil.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2002.

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

Condition 24: Particulate matter limitation.
Effective between the dates of 09/04/2001 and 06/30/2015

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

Item 24.1:

This Condition applies to Emission Unit: 0-00002

New York State Department of Environmental Conservation

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Facility DEC ID: 5093000001



Item 24.2:

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

Condition 25: Abatement

Effective between the dates of 09/04/2001 and 06/30/2015

Applicable Federal Requirement:6 NYCRR 219-5.5

Item 25.1:

This Condition applies to Emission Unit: 0-00002

Item 25.2:

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

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

(c) The Commissioner may order the cleaning, repair, replacement or alteration of any equipment or control equipment which causes or is operated so as to cause a violation of 6NYCRR Subpart 219-5.

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

Condition 26: Compliance Demonstration

Effective between the dates of 09/04/2001 and 06/30/2015

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

Item 26.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00002

Emission Point: 00074

Process: 002

Emission Source: 00004

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 26.2:

Compliance Demonstration shall include the following monitoring:



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

Monitoring Description:

Opacity shall not equal or exceed 20 % (6 minute average). Visible emissions shall be checked once daily by plant personnel during incinerator operation. Any abnormal visible emissions shall prompt corrective action. The Department reserves the right to perform or require performance of a method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: USEPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 27: Compliance Demonstration
Effective between the dates of 09/04/2001 and 06/30/2015

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

Item 27.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00003

Item 27.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Opacity shall not equal or exceed 20 % (6 minute average), except for one six-minute period per hour of not more than 27% opacity. Visible emissions shall be checked once daily by plant personnel during generator operation. Any abnormal visible emissions shall prompt corrective action. The Department reserves the right to perform or require performance of a method 9 opacity evaluation at any time during facility operation.

Reference Test Method: USEPA Method 9

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





STATE ONLY ENFORCEABLE CONDITIONS

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

Condition 28: General Provisions

Effective between the dates of 09/04/2001 and 06/30/2015

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 28.1:

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

Item 28.2:

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.

Item 28.3:

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.

Condition 29: Permit Exclusion Provisions

Effective between the dates of 09/04/2001 and 06/30/2015

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 29.1:

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 currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant 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 by the Department and the receipt thereof by the Applicant does not supercede, revoke or rescind an order or modification thereof on consent or determination by the Commissioner issued heretofore by the Department or any of the terms, conditions or requirements contained in such order or modification thereof unless specifically intended by this permit.

The issuance of this permit by the Department and the receipt thereof by the Applicant does not

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and shall not be construed as barring, diminishing, adjudicating or in any way affecting the right of the Department to bring any future action, or pursue any pending action, either administrative or judicial, to required remediation, contribution for costs incurred or funds expended, for any violations, past, present or future, known or unknown, of applicable federal law, the ECL, or the rules and regulations promulgated thereunder, or conditions contained in any other licenses or permits issued to the Applicant and not addressed in this permit.

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 the right of the Department to pursue any claims for natural resource damages against the Applicant.

Condition 30: Emission Unit Definition
Effective between the dates of 09/04/2001 and 06/30/2015

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 30.1:

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

Emission Unit: 0-00001

Emission Unit Description:

FACILITY BOILERS

Building(s): CUB

Item 30.2:

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

Emission Unit: 0-00002

Emission Unit Description:

FACILITY INCINERATOR

Building(s): INCIN

Item 30.3:

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

Emission Unit: 0-00003

Emission Unit Description:

GENERATORS

Building(s): CUB

Condition 31: Contaminant List
Effective between the dates of 09/04/2001 and 06/30/2015

Applicable State Requirement:6 NYCRR 201-5.3 (b)

Item 31.1:

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

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

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

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

Condition 32: Air pollution prohibited
Effective between the dates of 09/04/2001 and 06/30/2015

Applicable State Requirement:6 NYCRR 211.2

Item 32.1:

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 33: Emission Point Definition By Emission Unit
Effective between the dates of 09/04/2001 and 06/30/2015

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 33.1:

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

Emission Unit: 0-00001

Emission Point: 00007

Height (ft.): 55

Diameter (in.): 48

NYTMN (km.): 4971.822 NYTME (km.): 620.429 Building: CUB

Item 33.2:

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

Emission Unit: 0-00002

Emission Point: 00074

Height (ft.): 65

Diameter (in.): 24

NYTMN (km.): 4971.822 NYTME (km.): 620.429 Building: INCIN

Item 33.3:

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

Emission Unit: 0-00003

Emission Point: 00008



Height (ft.): 9 Diameter (in.): 8
NYTMN (km.): 4971.822 NYTME (km.): 620.429 Building: CUB

Emission Point: 00009
Height (ft.): 9 Diameter (in.): 8
NYTMN (km.): 4971.822 NYTME (km.): 620.429 Building: CUB

Emission Point: 00010
Height (ft.): 9 Diameter (in.): 8
NYTMN (km.): 4971.822 NYTME (km.): 620.429 Building: CUB

Emission Point: 00017
Height (ft.): 9 Diameter (in.): 8
NYTMN (km.): 4972.117 NYTME (km.): 620.698 Building: CUB

**Condition 34: Process Definition By Emission Unit
Effective between the dates of 09/04/2001 and 06/30/2015**

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 34.1:

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

Emission Unit: 0-00001
Process: 001 Source Classification Code: 1-02-006-01
Process Description:
STEAM GENERATING BOILERS (29.3 MMBTU/HR
EACH) FIRED ON NATURAL GAS

Emission Source/Control: 00001 - Combustion
Design Capacity: 29.3 million Btu per hour

Emission Source/Control: 00002 - Combustion
Design Capacity: 29.3 million Btu per hour

Emission Source/Control: 00003 - Combustion
Design Capacity: 29.3 million Btu per hour

Item 34.2:

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

Emission Unit: 0-00001
Process: 01B Source Classification Code: 1-02-004-01
Process Description:
STEAM GENERATING BOILERS (29.3 MMBTU/HR
EACH) FIRED ON NO. 6 FUEL OIL.

Emission Source/Control: 00001 - Combustion
Design Capacity: 29.3 million Btu per hour

Emission Source/Control: 00002 - Combustion
Design Capacity: 29.3 million Btu per hour



Emission Source/Control: 00003 - Combustion
Design Capacity: 29.3 million Btu per hour

Item 34.3:

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

Emission Unit: 0-00001
Process: 01C Source Classification Code: 1-02-005-01
Process Description:
STEAM GENERATING BOILERS (29.3 MMBTU/HR
EACH) FIRED ON NO. 2 FUEL OIL.

Emission Source/Control: 00001 - Combustion
Design Capacity: 29.3 million Btu per hour

Emission Source/Control: 00002 - Combustion
Design Capacity: 29.3 million Btu per hour

Emission Source/Control: 00003 - Combustion
Design Capacity: 29.3 million Btu per hour

Item 34.4:

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

Emission Unit: 0-00002
Process: 002 Source Classification Code: 5-03-001-02
Process Description: INCINERATOR FIRED ON NATURAL GAS

Emission Source/Control: 00004 - Incinerator
Design Capacity: 500 pounds per hour
Waste Feed Method: AUTOMATIC PNEUMATIC FEED, SCREW
CONVEYOR
Waste Type: MUNICIPAL SOLID WASTE AND/OR SOLID
WASTE

Item 34.5:

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

Emission Unit: 0-00003
Process: 003 Source Classification Code: 2-01-001-02
Process Description: DIESEL GENERATORS

Emission Source/Control: 00005 - Combustion
Design Capacity: 77.3 gallons per hour

Emission Source/Control: 00006 - Combustion
Design Capacity: 77.3 gallons per hour

Emission Source/Control: 00007 - Combustion
Design Capacity: 34.6 gallons per hour

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Emission Source/Control: 00008 - Combustion
Design Capacity: 77.3 gallons per hour

Condition 35: Compliance Demonstration
Effective between the dates of 09/04/2001 and 06/30/2015

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

Item 35.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-00001 Emission Point: 00007

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

Item 35.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for a boiler (or combination of boilers connected to the same emission point) with a maximum heat input exceeding 50 mmBtu per hour firing residual oil is 0.2 pounds per mmBtu. Emission testing may be required at the direction of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.2 pounds per million Btus

Reference Test Method: USEPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

