



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 8-4528-00002/00011
Mod 0 Effective Date: 10/01/1999 Expiration Date: No expiration date.
Mod 2 Effective Date: 01/31/2002 Expiration Date: No expiration date.
Mod 3 Effective Date: 01/07/2003 Expiration Date: No expiration date.
Mod 4 Effective Date: 05/25/2011 Expiration Date: No expiration date.

Permit Issued To: NYS DEPT OF CORRECTIONAL SERVICES
BLDG 2 - STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVE
ALBANY, NY 12226-2050

Contact: KEITH D RUPERT
NYS DEPT OF CORRECTIONAL SERVICES
1220 WASHINGTON AVE
ALBANY, NY 12226
(518) 485-9477

Facility: WILLARD DRUG TREATMENT CENTER
7116 CO RTE 132
WILLARD, NY 14588

Contact: RICKY A BARTLETT
WILLARD DRUG TREATMENT CENTER
7116 CO RTE 132
WILLARD, NY 14588
(607) 869-5500

Description:
Minor modification of the existing Air State Facility Permit for the Willard Drug Treatment Center.

This is the fourth modification (Mod 4) of the Air State Facility Permit originally issued October 1, 1999, and last modified January 7, 2003 to authorize boiler replacements. Mod 4 adds the previously exempt 1650 kilowatt diesel powered emergency generator at the facility to the Permit, to allow its intermittent use in the Coordinated Energy Demand Reduction Program (CDRP). Generator operations are not anticipated to exceed 500 hours annually for CDRP and emergency use combined.

Total facility emissions of Sulfur Dioxide and Oxides of Nitrogen each remain capped at 99 tons per year, below the 100 ton per year Title V threshold.



The facility now has two emission units subject to the Title V capping requirements in the modified permit. These are the boiler emission unit with four boilers able to burn natural gas or number 2 fuel oil rated at 14.27, 24.46, 32.66 and 32.66 million BTU per hour used for facility heat, and the generator emission unit with one Caterpillar 3516 diesel generator rated at 1650 KW used for an Energy Demand Response Program as well as emergency generation.

This Permit also specifies that records of fuel use and emissions sufficient to document compliance must be maintained at the facility for a minimum of five years and must be made available with all supporting data to Department inspectors upon request.

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

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

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

- Facility Inspection by the Department
- Relationship of this Permit to Other Department Orders and Determinations
 - Applications for permit renewals, modifications and transfers
 - Applications for Permit Renewals and Modifications
 - Permit modifications, suspensions or revocations by the Department
 - Applications for Permit Renewals and Modifications
 - Permit Modifications, Suspensions and Revocations by the Department
 - Permit Modifications, Suspensions, and Revocations by the Department

Facility Level

- Submission of Applications for Permit Modification or Renewal
 - REGION 8 HEADQUARTERS
- Submission of application for permit modification or renewal-REGION 8 HEADQUARTERS



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

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

Condition 2: Relationship of this Permit to Other Department Orders and Determinations

Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:

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

Condition 4-1: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 4-1.1:

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

Item 4-1.2:

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

Item 4-1.3:

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



Condition 3-1: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6 NYCRR 621.13

Item 3-1.1:

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

Item 3-1.2:

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

Item 3-1.3:

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

Condition 4-2: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 4-2.1:

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

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

Condition 3: Applications for Permit Renewals and Modifications

Applicable State Requirement: 6 NYCRR 621.13 (a)

Expired by Mod No: 3

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 3-2: Permit Modifications, Suspensions and Revocations by the



Department

Applicable State Requirement: 6 NYCRR 621.14

Item 3-2.1:

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

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

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

Applicable State Requirement: 6 NYCRR 621.14

Expired by Mod No: 3

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 8 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 8 Headquarters
Division of Environmental Permits
6274 Avon-Lima Road
Avon, NY 14414-9519
(716) 226-2466

Condition 4-3: Submission of application for permit modification or



renewal-REGION 8

HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 4-3.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 8 Headquarters
Division of Environmental Permits
6274 Avon-Lima Road
Avon, NY 14414-9519
(585) 226-2466



Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

Permit Issued To: NYS DEPT OF CORRECTIONAL SERVICES
BLDG 2 - STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVE
ALBANY, NY 12226-2050

Facility: WILLARD DRUG TREATMENT CENTER
7116 CO RTE 132
WILLARD, NY 14588

Authorized Activity By Standard Industrial Classification Code:
9223 - CORRECTIONAL INSTITUTIONS

Mod 0 Permit Effective Date: 10/01/1999
date.

Permit Expiration Date: No expiration

Mod 2 Permit Effective Date: 01/31/2002
date.

Permit Expiration Date: No expiration

Mod 3 Permit Effective Date: 01/07/2003
date.

Permit Expiration Date: No expiration

Mod 4 Permit Effective Date: 05/25/2011
date.

Permit Expiration Date: No expiration



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 4-1 6 NYCRR 201-7.2: Facility Permissible Emissions
- *4-2 6 NYCRR 201-7.2: Capping Monitoring Condition
- 3-5 6 NYCRR 225-1.2 (a) (2): Compliance Demonstration
- 4-3 6 NYCRR 227-1.3 (a): Compliance Demonstration

Emission Unit Level

EU=0-0BOIL

- 3-8 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFr 60 Subpart A
- 3-9 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 3-10 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration
- 3-11 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Demonstration

EU=0-0BOIL,Proc=00A

- 4-4 40CFR 60.42c(d), NSPS Subpart Dc: Compliance Demonstration
- 3-20 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period.
- 3-21 40CFR 60.42c(i), NSPS Subpart Dc: Enforceability.
- 3-24 40CFR 60.44c(h), NSPS Subpart Dc: Alternative compliance methods for sulfur dioxide.
- 3-26 40CFR 60.46c(e), NSPS Subpart Dc: Exemption from sulfur dioxide monitoring requirements.
- 4-5 40CFR 60.48c(e), NSPS Subpart Dc: Compliance Demonstration
- 3-30 40CFR 60.48c(f)(1), NSPS Subpart Dc: Compliance Demonstration

EU=0-0BOIL,Proc=00A,ES=0B03A

- 4-6 40CFR 60.45c(a), NSPS Subpart Dc: Compliance Demonstration

EU=0-0BOIL,Proc=00A,ES=0B04A

- 4-7 40CFR 60.45c(a), NSPS Subpart Dc: Compliance Demonstration

EU=0-0BOIL,EP=0001A,Proc=00A,ES=0B03A

- 4-8 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Demonstration

EU=0-0BOIL,EP=0001A,Proc=00B,ES=0B04A

- 4-9 40CFR 60.43c(c), NSPS Subpart Dc: Compliance Demonstration

EU=0-0BOIL,EP=0003A,Proc=00A,ES=0B03A

- 4-10 40CFR 60.43c(d), NSPS Subpart Dc: Enforceability of particulate matter and opacity standards.

EU=0-0BOIL,EP=0004A,Proc=00A,ES=0B04A

- 4-11 40CFR 60.43c(d), NSPS Subpart Dc: Enforceability of particulate matter and opacity standards.

EU=0-0GEN1

- 4-12 40CFR 63.6655, Subpart ZZZZ: Compliance Demonstration



STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 3-47 ECL 19-0301: Contaminant List
- 2-2 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 4-13 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 25 6 NYCRR Subpart 201-5: Emission Unit Definition
- 4-14 6 NYCRR 201-5.4 (b): Compliance Demonstration
- 27 6 NYCRR 211.2: Air pollution prohibited
- 4-15 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

- 29 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 30 6 NYCRR Subpart 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 - 6 NYCRR 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 - 6 NYCRR 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 - 6 NYCRR 200.7

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications,



required to operate such device effectively.

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

If an existing emission source was subject to the permitting requirements of 6 NYCRR 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 - 6 NYCRR 201-1.5

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

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

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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



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

Item F: Recycling and Salvage - 6 NYCRR 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 - 6 NYCRR 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 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 201-3.3 (a)

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

Item J: Required Emission Tests - 6 NYCRR 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 6 NYCRR Subpart 202-1.

Item K: Visible Emissions Limited - 6 NYCRR 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 Prohibitions - 6 NYCRR 215.2

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item M: Permit Exclusion - ECL 19-0305

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

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

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



regulations.

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 4-1: Facility Permissible Emissions
Effective between the dates of 05/25/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 4-1.1:

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:

per year CAS No: 007446-09-5 (From Mod 4) PTE: 198,000 pounds
Name: SULFUR DIOXIDE

per year CAS No: 0NY210-00-0 (From Mod 4) PTE: 198,000 pounds
Name: OXIDES OF NITROGEN

Condition 4-2: Capping Monitoring Condition
Effective between the dates of 05/25/2011 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 4-2.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1

Item 4-2.2:

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

Item 4-2.3:

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 4-2.4:



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 4-2.5:

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 4-2.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE
CAS No: 0NY210-00-0 OXIDES OF NITROGEN

Item 4-2.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facilities total Sulfur Dioxide emissions shall not exceed 198,000 pounds per year based on a 12 month rolling total.

Annual Sulfur Dioxide emissions for the boilers shall be calculated based on fuel use and the following equation derived from AP-42 emission data in table 1.3-1 and 1.4-2.

For emission unit 0-0BOIL
Sulfur Dioxide emissions (lbs/yr) = $D(142(S/1000 \text{ gallons})) + G(SG/2000\text{grains})(0.6 \text{ lbs/MMscf})$

Annual Sulfur Dioxide emissions for the generator shall be calculated based on hours of operation and the following equation derived from AP-42 emission data in table 3.4-1.

For emission unit 0-0GEN1
Sulfur Dioxide emissions (lbs/yr) = $H(0.00809 \text{ lbs/hp})(S)(2520 \text{ hp})$

Where:

G = 12-month rolling total of Natural gas fired (from boilers) in MMscf/yr.

D = 12-month rolling total of distillate oil fired (from boilers) in gals/yr.



H = 12-month rolling total of hours based on non-resettable hour meter.

S = Amount of fuel oil sulfur by weight in percent.

SG = Amount of sulfur in natural gas as grains.

The facilities total NOx emissions shall not exceed 190,000 pounds per year based on a 12 month rolling total.

Annual NOx emissions for the boilers shall be calculated based on fuel use and the following equation derived from AP-42 emission data in table 1.3-1 and 1.4-1.

For emission unit 0-0BOIL

NOx emissions (lbs/yr) = D(20 lbs/ 1000 gallons) + G(50 lbs/MMscf)

Annual NOx emissions for the generator shall be calculated based on hours of operation and the following equation derived from AP-42 emission data in table 3.4-1.

For emission unit 0-0GEN1

NOx emissions (lbs/yr)=H(0.024 lbs/hp)(2520 hp)

Where:

G = 12-month rolling total of Natural gas fired (from boilers) in MMscf/yr.

D = 12-month rolling total of distillate oil fired (from boilers) in gals/yr.

H = 12-month rolling total of hours based on non-resettable hour meter.

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 1/30/2012.

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

Condition 3-5: Compliance Demonstration

Effective between the dates of 01/07/2003 and Permit Expiration Date

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

Item 3-5.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 3-5.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC



OPERATIONS

Monitoring Description:

No person will sell, offer for sale, purchase or use any distillate oil fuel which contains sulfur in a quantity exceeding the following limitation.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.5 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 4-3: Compliance Demonstration
Effective between the dates of 05/25/2011 and Permit Expiration Date

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

Item 4-3.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 4-3.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one 6 minute period per hour of not more than 27 percent opacity. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard.

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree

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of opacity and will notify the NYSDEC if the Method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up Method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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

**Condition 3-8: Applicability of General Provisions of 40 CFR 60 Subpart A
Effective between the dates of 01/07/2003 and Permit Expiration Date**

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 3-8.1:

This Condition applies to Emission Unit: 0-0BOIL

Item 3-8.2:

This emission source is subject to the applicable general provisions of 40 CFR 60. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

**Condition 3-9: EPA Region 2 address.
Effective between the dates of 01/07/2003 and Permit Expiration Date**

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 3-9.1:

This Condition applies to Emission Unit: 0-0BOIL

Item 3-9.2:

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

Director, Division of Enforcement and Compliance Assistance
USEPA Region 2



290 Broadway, 21st Floor
New York, NY 10007-1886

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

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

Condition 3-10: Compliance Demonstration
Effective between the dates of 01/07/2003 and Permit Expiration Date

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

Item 3-10.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0BOIL

Item 3-10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner and operator of each affected facility shall submit notification of the date of construction or reconstruction, anticipated startup, and actual startup, as provided by 40 CFR 60.7 of this part. This notification shall include:

- (1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.
- (2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c., or 40 CFR 60.43c.
- (3) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.

Monitoring Frequency: SINGLE OCCURRENCE

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Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3-11: Compliance Demonstration

Effective between the dates of 01/07/2003 and Permit Expiration Date

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

Item 3-11.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0BOIL

Item 3-11.2:

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: UPON REQUEST BY REGULATORY AGENCY

Condition 4-4: Compliance Demonstration

Effective between the dates of 05/25/2011 and Permit Expiration Date

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

Item 4-4.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0BOIL

Process: 00A

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 4-4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No owner or operator of an affected facility that combusts oil shall cause to be discharged into the atmosphere from that affected facility any gases that contain SO₂ in excess of 215 ng/J (0.50 lb/MMBtu) heat input; or, as an alternative, no owner or operator of an affected facility that combusts oil shall combust oil in the affected facility that contains greater than 0.5 weight percent sulfur.

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Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -
SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 3-20: Exemption from the averaging period.
Effective between the dates of 01/07/2003 and Permit Expiration Date

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

Item 3-20.1:

This Condition applies to Emission Unit: 0-0BOIL
Process: 00A

Item 3-20.2:

Compliance with emission limits and/or fuel oil sulfur limitations shall be based on a certification from the fuel supplier as stated in paragraph 40 CFR 60-Dc.48c(f)(1), (2), or (3) as applicable.

Condition 3-21: Enforceability.
Effective between the dates of 01/07/2003 and Permit Expiration Date

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

Item 3-21.1:

This Condition applies to Emission Unit: 0-0BOIL
Process: 00A

Item 3-21.2:

The sulfur dioxide emission limits, percentage reductions, and fuel oil sulfur limitations shall apply at all times, including periods of startup, shutdown, and malfunction.

Condition 3-24: Alternative compliance methods for sulfur dioxide.
Effective between the dates of 01/07/2003 and Permit Expiration Date

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

Item 3-24.1:

This Condition applies to Emission Unit: 0-0BOIL
Process: 00A

Item 3-24.2:

Facilities demonstrating compliance through vender certification shall follow the compliance procedures listed in paragraphs 40 CFR 60-Dc.48c(f)(1), (2), or (3), as



applicable.

Condition 3-26: Exemption from sulfur dioxide monitoring requirements.
Effective between the dates of 01/07/2003 and Permit Expiration Date

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

Item 3-26.1:

This Condition applies to Emission Unit: 0-0BOIL
Process: 00A

Item 3-26.2:

Facilities subject to paragraphs 40 CFR 60-Dc.42c(h)(1), (2), or (3) showing compliance through vendor certification shall be exempt from section 40 CFR 60-Dc.46c.

Condition 4-5: Compliance Demonstration
Effective between the dates of 05/25/2011 and Permit Expiration Date

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

Item 4-5.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0BOIL
Process: 00A

Regulated Contaminant(s):
CAS No: 007446-09-5 SULFUR DIOXIDE

Item 4-5.2:

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 60.42c shall keep records and submit reports as required under paragraph (d) of this section, including the following information:

Calendar dates covered in the reporting period.

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: PER DELIVERY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 3-30: Compliance Demonstration
Effective between the dates of 01/07/2003 and Permit Expiration Date

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

Item 3-30.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0BOIL
Process: 00A

Regulated Contaminant(s):
CAS No: 007446-09-5 SULFUR DIOXIDE

Item 3-30.2:

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 DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2003.
Subsequent reports are due every 6 calendar month(s).

Condition 4-6: Compliance Demonstration
Effective between the dates of 05/25/2011 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.45c(a), NSPS Subpart Dc

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Item 4-6.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0BOIL

Process: 00A

Emission Source: 0B03A

Item 4-6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Facilities subject to the PM and/or opacity standards under 60.43c shall conduct an initial performance test and subsequent performance tests as requested by the Administrator.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 4-7: Compliance Demonstration

Effective between the dates of 05/25/2011 and Permit Expiration Date

Applicable Federal Requirement:40CFR 60.45c(a), NSPS Subpart Dc

Item 4-7.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0BOIL

Process: 00A

Emission Source: 0B04A

Item 4-7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Facilities subject to the PM and/or opacity standards under 60.43c shall conduct an initial performance test and subsequent performance tests as requested by the Administrator.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE



Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 4-8: Compliance Demonstration
Effective between the dates of 05/25/2011 and Permit Expiration Date

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

Item 4-8.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0BOIL Emission Point: 0001A
Process: 00A Emission Source: 0B03A

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

Item 4-8.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

On and after the date on which the initial performance test is completed or required to be completed under §60.8 of this part, whichever date comes first, no owner or operator of an affected facility that combusts coal, wood or oil and has a heat input capacity of 30 million BTU per hour or greater shall cause to be discharged into the atmosphere from an affected facility any gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

Operators of air contamination sources that are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

- 1) Observe the stack(s) or vent(s) once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).
- 2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- weather condition
- was a plume observed?

This logbook must be retained at the facility for five (5)



years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days, then the Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

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

Parameter Monitored: OPACITY

Upper Permit Limit: 27 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2011.

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

Condition 4-9: Compliance Demonstration
Effective between the dates of 05/25/2011 and Permit Expiration Date

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

Item 4-9.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0BOIL

Emission Point: 0001A

Process: 00B

Emission Source: 0B04A

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 4-9.2:

Compliance Demonstration shall include the following monitoring:



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

Monitoring Description:

On and after the date on which the initial performance test is completed or required to be completed under §60.8 of this part, whichever date comes first, no owner or operator of an affected facility that combusts coal, wood or oil and has a heat input capacity of 30 million BTU per hour or greater shall cause to be discharged into the atmosphere from an affected facility any gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity.

Operators of air contamination sources that are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

- 1) Observe the stack(s) or vent(s) once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).
- 2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:
 - weather condition
 - was a plume observed?

This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days, then the Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

** NOTE ** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the

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

Parameter Monitored: OPACITY

Upper Permit Limit: 27 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2011.

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

Condition 4-10: Enforceability of particulate matter and opacity standards.

Effective between the dates of 05/25/2011 and Permit Expiration Date

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

Item 4-10.1:

This Condition applies to Emission Unit: 0-0BOIL Emission Point: 0003A
Process: 00A Emission Source: 0B03A

Item 4-10.2:

The particulate matter and opacity standards of section 40 CFR 60-Dc.43c apply at all times, except during periods of startup, shutdown, and malfunction.

Condition 4-11: Enforceability of particulate matter and opacity standards.

Effective between the dates of 05/25/2011 and Permit Expiration Date

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

Item 4-11.1:

This Condition applies to Emission Unit: 0-0BOIL Emission Point: 0004A
Process: 00A Emission Source: 0B04A

Item 4-11.2:

The particulate matter and opacity standards of section 40 CFR 60-Dc.43c apply at all times, except during periods of startup, shutdown, and malfunction.

Condition 4-12: Compliance Demonstration



Effective between the dates of 05/25/2011 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.6655, Subpart ZZZZ

Item 4-12.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 0-0GEN1

Item 4-12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners or operators of an existing stationary R.I.C.E. located at an area source of HAP emissions that does not meet the standards applicable to non-emergency engines must keep the following records.

Maintenance conducted on the stationary R.I.C.E.

The hours of operation of the engine that is recorded through the non-resettable hour meter.

The hours spent for emergency operation including what classified the operation as emergency and how many hours are spent for non-emergency operation.

The hours of operation as part of a demand response including records of the notification of the emergency situation.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



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 - 6 NYCRR 201-1.10 (a)

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

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

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

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

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.



Condition 3-47: Contaminant List

Effective between the dates of 01/07/2003 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 3-47.1:

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

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

Condition 2-2: Unavoidable noncompliance and violations

Effective between the dates of 01/31/2002 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 201-1.4

Item 2-2.1:

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

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

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective



action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superseded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

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

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

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

Condition 4-13: Unavoidable noncompliance and violations
Effective between the dates of 05/25/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 201-1.4

Item 4-13.1:

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 supersede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in



writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

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

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

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

Condition 25: Emission Unit Definition
Effective between the dates of 10/01/1999 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 25.1(From Mod 4):

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

Emission Unit: 0-0BOIL

Emission Unit Description:

Four 2003 Cleaver Brooks boilers (one 14.27 million btu/hr, one 24.46 million btu/hr, two 32.66 million btu/hr) are located in the powerhouse. The boilers are dual fuel (natural gas and no. 2 fuel oil) and are equipped with low nox burners. The boilers have individual stacks.

Building(s): 51

Item 25.2(From Mod 4):

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

Emission Unit: 0-0GEN1

Emission Unit Description:

1987 Caterpillar 3516 diesel generator rated at 1650 kw (2212 hp) to be used in the energy demand response program and for facility emergency use.

Building(s): 51



Condition 4-14: Compliance Demonstration
Effective between the dates of 05/25/2011 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 201-5.4 (b)

Item 4-14.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 4-14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operational flexibility

(1) Certain changes and modifications which meet the criteria under subparagraphs (i)-(iii) of this paragraph may be conducted without prior approval of the department and shall not require modification of the permit. The facility owner and/or operator must however maintain records of the date and description of such changes and make such records available for review by department representatives upon request.

(i) Changes that do not cause emissions to exceed any emission limitation contained in regulations or applicable requirements.

(ii) Changes which do not cause the source to become subject to any additional regulations or requirements.

(iii) Changes that do not seek to establish or modify a federally-enforceable emission cap or limit.

(2) In addition to the recordkeeping required under paragraph (1), the permittee must notify the department in writing at least 30 calendar days in advance of making changes involving:

(i) the relocation of emission points within a facility;

(ii) the emission of any air pollutant not previously authorized or remitted in accordance with a permit issued by the department;

(iii) the installation or alteration of any air cleaning installations, device or control equipment.

(3) The department may require a permit modification to impose applicable requirements or special permit conditions if it determines that changes proposed pursuant

New York State Department of Environmental Conservation

Permit ID: 8-4528-00002/00011

Facility DEC ID: 8452800002



Emission Unit: 0-0BOIL

Emission Point: 0001A

Height (ft.): 70 Diameter (in.): 20
NYTMN (km.): 4727.065 NYTME (km.): 346.97 Building: 51

Emission Point: 0002A

Height (ft.): 70 Diameter (in.): 26
NYTMN (km.): 4727.065 NYTME (km.): 346.97 Building: 51

Emission Point: 0003A

Height (ft.): 70 Diameter (in.): 30
NYTMN (km.): 4727.065 NYTME (km.): 346.97 Building: 51

Emission Point: 0004A

Height (ft.): 70 Diameter (in.): 30
NYTMN (km.): 4727.065 NYTME (km.): 346.97 Building: 51

Item 29.2(From Mod 4):

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

Emission Unit: 0-0GEN1

Emission Point: 0005A

Height (ft.): 20 Diameter (in.): 14
NYTMN (km.): 4727.065 NYTME (km.): 346.97 Building: 51

Condition 30: Process Definition By Emission Unit

Effective between the dates of 10/01/1999 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 30.1(From Mod 4):

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

Emission Unit: 0-0BOIL

Process: 00A Source Classification Code: 1-03-005-01

Process Description:

Four 2003 Cleaver Brooks boilers (one 14.27 million
btu/hr, one 24.46 million btu/hr, two 32.66 million
btu/hr) burning no. 2 fuel oil.

Emission Source/Control: 0B01A - Combustion

Design Capacity: 14.27 million Btu per hour

Emission Source/Control: 0B02A - Combustion

Design Capacity: 24.46 million Btu per hour

Emission Source/Control: 0B03A - Combustion

Design Capacity: 32.66 million Btu per hour



Emission Source/Control: 0B04A - Combustion
Design Capacity: 32.66 million Btu per hour

Item 30.2(From Mod 4):

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

Emission Unit: 0-0BOIL
Process: 00B Source Classification Code: 1-03-006-02
Process Description:
Four 2003 Cleaver Brooks boilers (one 14.27 million
btu/hr, one 24.46 million btu/hr, two 32.66 million
btu/hr) burning natural gas.

Emission Source/Control: 0B01A - Combustion
Design Capacity: 14.27 million Btu per hour

Emission Source/Control: 0B02A - Combustion
Design Capacity: 24.46 million Btu per hour

Emission Source/Control: 0B03A - Combustion
Design Capacity: 32.66 million Btu per hour

Emission Source/Control: 0B04A - Combustion
Design Capacity: 32.66 million Btu per hour

Item 30.3(From Mod 4):

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

Emission Unit: 0-0GEN1
Process: DSL Source Classification Code: 2-01-001-02
Process Description: Generator firing diesel fuel

Emission Source/Control: GEN 1 - Combustion
Design Capacity: 1,650 kilowatts

