

New York State Department of Environmental Conservation
Facility DEC ID: 4010100153



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 4-0101-00153/00005
Effective Date: 05/14/2007 Expiration Date: 05/13/2012

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

Contact: VINCENT T FRANCONERE
SUNY ALBANY
CHEMISTRY B-73
ALBANY, NY 12222
(518) 442-3495

Facility: SUNY AT ALBANY
1400 WASHINGTON AVE
ALBANY, NY 12222

Description:
Title V renewal.

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: MICHAEL T HIGGINS
DIVISION OF ENVIRONMENTAL PERMITS
1130 N WESTCOTT RD
SCHENECTADY, NY 12306-2014

Authorized Signature: _____ Date: ___ / ___ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 4
HEADQUARTERS
Submission of application for permit modification or renewal-REGION 4
HEADQUARTERS



DEC GENERAL CONDITIONS

****** General Provisions ******

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

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

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:



New York State Department of Environmental Conservation
Facility DEC ID: 4010100153

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

Item 4.1:

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 4.2:

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 4.3:

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 5: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6NYCRR 621.13

Item 5.1:

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

Item 6.1:

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;

New York State Department of Environmental Conservation
Facility DEC ID: 4010100153



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

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

Condition 7: Submission of Applications for Permit Modification or Renewal -REGION 4 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 7.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 4 Headquarters
Division of Environmental Permits
1150 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069

Condition 8: Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.6(a)

Item 8.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 4 Headquarters
Division of Environmental Permits
1130 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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STATE UNIVERSITY PLAZA
381 BROADWAY
ALBANY, NY 12246

Facility: SUNY AT ALBANY
1400 WASHINGTON AVE
ALBANY, NY 12222

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

Permit Effective Date: 05/14/2007

Permit Expiration Date: 05/13/2012



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6NYCRR 201-6.5(a)(7): Fees
- 3 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
- 4 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
- 6 6NYCRR 201-6.5(e): Compliance Certification
- 7 6NYCRR 202-2.1: Compliance Certification
- 8 6NYCRR 202-2.5: Recordkeeping requirements
- 9 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 10 6NYCRR 200.7: Maintenance of Equipment
- 12 6NYCRR 201-1.7: Recycling and Salvage
- 11 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 14 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 15 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
- 16 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
- 17 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
- 18 6NYCRR 201-6.5(f)(6): Off Permit Changes
- 19 6NYCRR 202-1.1: Required Emissions Tests
- 20 6NYCRR 211.3: Visible Emissions Limited
- 21 40CFR 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6NYCRR 201-6: Emission Unit Definition
- 24 6NYCRR 201-7: Facility Permissible Emissions
- *25 6NYCRR 201-7: Capping Monitoring Condition
- *26 6NYCRR 201-7: Capping Monitoring Condition
- *27 6NYCRR 201-7: Capping Monitoring Condition
- *28 6NYCRR 201-7: Capping Monitoring Condition
- 29 6NYCRR 202-1.2: Notification
- 30 6NYCRR 202-1.3(a): Acceptable procedures
- 31 6NYCRR 225-1.8: Compliance Certification
- 32 6NYCRR 227-1: Compliance Certification
- 33 6NYCRR 227-1.3: Compliance Certification
- 34 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 35 40CFR 60.7(c), NSPS Subpart A: Compliance Certification
- 36 40CFR 60.7(d), NSPS Subpart A: Excess emissions report.
- 37 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 38 40CFR 60.9, NSPS Subpart A: Availability of information.
- 39 40CFR 60.11(d), NSPS Subpart A: Compliance with Standards and



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Maintenance Requirements

- 40 40CFR 60.12, NSPS Subpart A: Circumvention.
- 41 40CFR 60.13(d), NSPS Subpart A: Compliance Certification
- 42 40CFR 60.13(e), NSPS Subpart A: Compliance Certification
- 43 40CFR 60.13(h), NSPS Subpart A: Compliance Certification
- 44 40CFR 60.43b(f), NSPS Subpart Db: Compliance Certification
- 45 40CFR 60.43b(g), NSPS Subpart Db: Particulate matter and opacity exemption
- 46 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of nitrogen standard
- 47 40CFR 60.44b(i), NSPS Subpart Db: Averaging period
- 48 40CFR 60.44b(l)(1), NSPS Subpart Db: Compliance Certification
- 49 40CFR 60.46b(e)(4), NSPS Subpart Db: Compliance Certification
- 50 40CFR 60.48b(a), NSPS Subpart Db: Opacity Monitoring Requirements
- 51 40CFR 60.48b(b), NSPS Subpart Db: NOx Monitoring Requirements
- 52 40CFR 60.48b(c), NSPS Subpart Db: Compliance Certification
- 53 40CFR 60.48b(e)(2), NSPS Subpart Db: Compliance Certification
- 54 40CFR 60.48b(f), NSPS Subpart Db: Use of alternative methods for measuring NOx during CEMS downtime
- 55 40CFR 60.49b(d), NSPS Subpart Db: Compliance Certification
- 56 40CFR 60.49b(f), NSPS Subpart Db: Compliance Certification
- 57 40CFR 60.49b(g), NSPS Subpart Db: Compliance Certification
- 58 40CFR 60.49b(h), NSPS Subpart Db: Compliance Certification
- 59 40CFR 60.49b(i), NSPS Subpart Db: Compliance Certification
- 60 40CFR 60.48c(d), NSPS Subpart Dc: Compliance Certification
- 61 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Certification

Emission Unit Level

- 62 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 63 6NYCRR 201-6: Process Definition By Emission Unit

EU=U-10001,EP=00001

- *64 6NYCRR 201-7: Capping Monitoring Condition
- 65 40CFR 60.7(a)(4), NSPS Subpart A: Compliance Certification
- 66 40CFR 60.15, NSPS Subpart A: Reconstruction.

EU=U-10001,EP=00001,Proc=200,ES=00001

- 67 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period.
- 68 40CFR 60.48c(e)(11), NSPS Subpart Dc: Compliance Certification
- 69 40CFR 60.48c(f)(1), NSPS Subpart Dc: Compliance Certification

EU=U-10001,EP=00001,Proc=200,ES=00002

- 70 40CFR 60.42b(g), NSPS Subpart Db: Sulfur dioxide standard compliance.
- 71 40CFR 60.42b(j), NSPS Subpart Db: Demonstration criteria for low sulfur oil.
- 72 40CFR 60.45b(j), NSPS Subpart Db: Compliance Certification
- 73 40CFR 60.47b(f), NSPS Subpart Db: Alternative sulfur dioxide

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153



monitoring method.

74 40CFR 60.49b(j), NSPS Subpart Db: Compliance Certification

75 40CFR 60.49b(r), NSPS Subpart Db: Compliance Certification

EU=U-10001,EP=00001,Proc=300,ES=00001

76 40CFR 60.42c(g), NSPS Subpart Dc: Averaging period.

77 40CFR 60.44c(g), NSPS Subpart Dc: Alternative compliance method for sulfur dioxide.

78 40CFR 60.44c(g), NSPS Subpart Dc: Compliance Certification

79 40CFR 60.46c(d)(1), NSPS Subpart Dc: Compliance Certification

80 40CFR 60.46c(d)(2), NSPS Subpart Dc: Compliance Certification

81 40CFR 60.47c, NSPS Subpart Dc: Opacity monitoring requirements.

82 40CFR 60.47c, NSPS Subpart Dc: Opacity monitoring requirements.

83 40CFR 60.48c(c), NSPS Subpart Dc: Compliance Certification

84 40CFR 60.48c(e)(2), NSPS Subpart Dc: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

85 ECL 19-0301: Contaminant List

86 6NYCRR 201-1.4: Unavoidable noncompliance and violations

87 6NYCRR 211.2: Air pollution prohibited

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

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

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

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

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

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

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

(4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

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

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to



Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR Part 201-6.3(a)(4)

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Item D: Certification by a Responsible Official - 6 NYCRR Part 201-6.3(d)(12)

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item E: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(a)(2)

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(a)(3)

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6NYCRR Part 201-6.5(a)(5)

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153



order to maintain compliance with the conditions of this permit.

Item H: Property Rights - 6 NYCRR Part 201-6.5(a)(6)

This permit does not convey any property rights of any sort or any exclusive privilege.

Item I: Severability - 6 NYCRR Part 201-6.5(a)(9)

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

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

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

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

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153



Act;

iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

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

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

i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.

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

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

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

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

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item L: Permit Exclusion - ECL 19-0305

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

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

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

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

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

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 200.6

Item 1.1:

Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Condition 2: Fees

Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 2.1:

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

Condition 3: Recordkeeping and reporting of compliance monitoring

Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 3.1:

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

- (i) The date, place, and time of sampling or measurements;
- (ii) The date(s) analyses were performed;
- (iii) The company or entity that performed the analyses;
- (iv) The analytical techniques or methods used including quality assurance and quality control procedures if required;
- (v) The results of such analyses including quality assurance data where required; and
- (vi) The operating conditions as existing at the time of sampling or measurement.

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

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

Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 4.1:

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

Condition 5: Compliance Certification
Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153



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

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

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

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

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153



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

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153



following:

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

USEPA Region 2



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

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

The address for the RAPCE is as follows:

1150 North Westcott Road
Schenectady, NY 12306-2014

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2008.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 202-2.1

Item 7.1:
The Compliance Certification activity will be performed for the Facility.

Item 7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air Resources, Bureau of Air Quality Planning, 625 Broadway, Albany NY 12233-3251

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

Condition 8: Recordkeeping requirements



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 202-2.5

Item 8.1:

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

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

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

Condition 9: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 215

Item 9.1:

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

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

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period. [NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]

Condition 10: Maintenance of Equipment
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 200.7

Item 10.1:

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

Condition 12: Recycling and Salvage



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 201-1.7

Item 12.1:

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

Condition 11: Prohibition of Reintroduction of Collected Contaminants to the air

Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 11.1:

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

Condition 13: Exempt Sources - Proof of Eligibility

Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 13.1:

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

Condition 14: Trivial Sources - Proof of Eligibility

Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 14.1:

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



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Condition 15: Standard Requirement - Provide Information
Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 15.1:

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

Condition 16: General Condition - Right to Inspect
Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 16.1:

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

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

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

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

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

Condition 17: Standard Requirements - Progress Reports
Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 17.1:

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

(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance,



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

and dates when such activities, milestones or compliance were achieved; and

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

Condition 18: Off Permit Changes
Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 18.1:

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

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

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

Condition 19: Required Emissions Tests
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 19.1:

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

Condition 20: Visible Emissions Limited
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 211.3



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Item 20.1:

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

Condition 21: Accidental release provisions.

Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 68

Item 21.1:

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

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
 - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,
 - 2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

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

Condition 22: Recycling and Emissions Reduction

Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 22.1:

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

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



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Condition 23: Emission Unit Definition

Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 201-6

Item 23.1:

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

Emission Unit: U-10001

Emission Unit Description:

FOUR HIGH TEMPERATURE WATER BOILERS EXHAUSTING THROUGH EMISSION POINT 10001 LOCATED AT THE POWER PLANT. THE BOILERS RANGE IN SIZE FROM 77 TO 122 MMBTU/HR HEAT INPUT. BOILER #1 (SOURCE ID 00001) WAS INSTALLED IN 1997 AND IS SUBJECT TO THE FEDERAL BOILER NSPS REQUIREMENTS IN 40 CFR 60 SUBPART Dc. BOILER #2 (SOURCE ID 00002) WAS INSTALLED IN 2000 AND IS SUBJECT TO THE FEDERAL BOILER NSPS IN 40 CFR 60, SUBPART Db.

Building(s): 18

Condition 24: Facility Permissible Emissions

Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 201-7

Item 24.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 000630-08-0 PTE: 475,000 pounds per year

Name: CARBON MONOXIDE

CAS No: 007446-09-5 PTE: 475,000 pounds per year

Name: SULFUR DIOXIDE

CAS No: 0NY075-00-0 PTE: 475,000 pounds per year

Name: PARTICULATES

CAS No: 0NY210-00-0 PTE: 190,000 pounds per year

Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0 PTE: 95,000 pounds per year



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Name: VOC

Condition 25: Capping Monitoring Condition
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 201-7

Item 25.1:

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:

40CFR 52-A.21

Item 25.2:

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

Item 25.3:

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 25.4:

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 25.5:

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 25.6:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

CAS No: 0NY075-00-0 PARTICULATES

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 25.7:

Compliance Certification shall include the following monitoring:



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Capping: Yes

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

Monitoring Description:

Emissions capped at less than 237.5 ton/yr (less than the Attainment New Source Review (A NSR) threshold) to avoid 40 CFR 52.21 (A NSR). Emissions from all sources, including those that are exempt from permitting, but excluding trivial activities identified in Part 201-3.3, shall be included in the facility-wide total. The amount of fuel used shall be included in the annual report. Emissions shall be calculated using the most current AP-42 emission factors.

This cap was put in place for the construction of the new Boiler #2, Volcano TJW-C-100, in the fall of 2000. This cap remains in place with this permit.

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 237.5 tons per year

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 1/30/2008.

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

Condition 26: Capping Monitoring Condition
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 201-7

Item 26.1:

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:

40CFR 52-A.21

Item 26.2:

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

Item 26.3:

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



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 26.4:

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 26.5:

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 26.6:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-10001

Process: 200

Emission Unit: U-10001

Process: 300

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 26.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Fuel oil sulfur content capped at less than the upper limit shown below to avoid Attainment New Source Review (A NSR) (40 CFR 52.21). (Boiler 1 is also required by the NSPS, 40 CFR 60 Dc 42c(d), to burn 0.5% sulfur fuel oil.) Certifications from the fuel supplier received with each delivery shall be used to determine compliance.

This cap was put in place for the construction of the new Boiler #2, Volcano TJW-C-100, in the fall of 2000. This cap remains in place with this permit.

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 percent by weight



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 27: Capping Monitoring Condition
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 201-7

Item 27.1:

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

6NYCRR 227-2
6NYCRR 231-2
40CFR 52-A.21

Item 27.2:

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

Item 27.3:

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 27.4:

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 27.5:

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 27.6:

The Compliance Certification activity will be performed for the Facility.



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Regulated Contaminant(s):

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

Item 27.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Emissions capped at less than 95 ton/yr (less than the major source threshold, less than the Non Attainment New Source Review (NA NSR) threshold and less than the Attainment New Source Review (A NSR) threshold), to avoid Part 227-2 (NO_x RACT), Part 231-2 (NA NSR) and 40 CFR 52.21 (A NSR). Emissions from all sources, including those that are exempt from permitting requirements, but excluding trivial activities identified in Part 201-3.3, shall be incorporated into the total. The amount of fuels used shall be included in the annual report. Emissions shall be calculated using the most current AP-42 emission factors. The emission factors at the time of permit issuance are:

STEAM PLANT BOILERS:

#6 fuel oil:

> 100 mm BTU/hr with low NO_x burners: 40 lb NO_x/m
gallons

< 100 mm BTU/hr: 75 lb NO_x/m gallons

2 fuel oil:

> 100 mm BTU/hr with low NO_x burners, without FGR: 24 lb
NO_x/m gallons

< 100 mm BTU/hr: 20 lb NO_x/m gallons

Natural gas:

> 100 mm BTU/hr without low NO_x burners: 280 lb NO_x/mm
ft³

> 100 mm BTU/hr with low NO_x burners: 140 lb NO_x/mm ft³

< 100 mm BTU/hr without low NO_x burners: 100 lb NO_x/mm
ft³

< 100 mm BTU/hr with low NO_x burners: 50 lb NO_x/mm
ft³

RESIDENTIAL FURNACES:

Natural gas:

< 0.3 mm BTU/hr uncontrolled: 94 lb NO_x/mm

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153



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ENGINES:

Diesel (using a heat content of 137,000 BTU/gallon):

> 600 horse power: 0.44 lb NO_x/gallons

< 600 horse power: 0.60 lb NO_x/gallons

In addition to avoiding Part 227-2, this cap was put in place to avoid NSR for the construction of the new Boiler #2, Volcano TJW-C-100, in the fall of 2000. This cap remains in place for this permit.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 95 tons per year

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 1/30/2008.

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

Condition 28: Capping Monitoring Condition
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 201-7

Item 28.1:

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

6NYCRR 231-2

Item 28.2:

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

Item 28.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

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 28.5:

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 28.6:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 28.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Emissions capped at less than 47.5 ton/yr (less than the Non Attainment New Source Review (NA NSR) threshold) to avoid Part 231-2 (NA NSR). Emissions from all sources, including those that are exempt from permitting requirements, but excluding trivial activities identified in Part 201-3.3, shall be incorporated into the total. The amount of fuel used shall be included in the annual report. Emissions shall be calculated using the most current AP-42 emission factors.

This cap was put in place for the construction of the new Boiler #2, Volcano TJW-C-100, in the fall of 2000. This cap remains in place with this permit.

Parameter Monitored: VOC

Upper Permit Limit: 47.5 tons per year

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 1/30/2008.

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

Condition 29: Notification

Effective between the dates of 05/14/2007 and 05/13/2012

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153



Applicable Federal Requirement: 6NYCRR 202-1.2

Item 29.1:

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

Condition 30: Acceptable procedures
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 202-1.3(a)

Item 30.1:

Emission testing, sampling and analytical determinations to ascertain compliance with this Subchapter shall be conducted in accordance with test methods acceptable to the commissioner. The Reference Methods contained in part 60, appendix A and part 61, appendix B of title 40 of the Code of Federal Regulations and all future technical revisions, additions or corrections made thereto shall be considered as acceptable test methods for those sources and contaminants for which they are expressly applicable, except where the commissioner has issued a specific method to be used instead of a Reference Method contained in these Federal regulations or where the commissioner determines that one or more alternate methods are also acceptable. The person who owns or operates an air contamination source shall submit the emission test report in triplicate, to the commissioner within 60 days after the completion of tests. In the event such source owner/operator can demonstrate to the commissioner such time is not sufficient, he may request in writing and be granted an extension. Where an opacity emission standard is applicable to the source tested, the emission test report shall include the opacity observation.

Condition 31: Compliance Certification
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 225-1.8

Item 31.1:

The Compliance Certification activity will be performed for the Facility.

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An owner or operator of a facility which purchases and fires coal and/or fuel oil shall compile and retain records of the following information:

a. fuel analyses and data on the quantities of all residual and distillate oil and coal received, burned or



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

sold;

b. the names of all purchasers of all residual and distillate oil and coal sold;

c. any results of stack sampling, stack monitoring and other procedures used to ensure compliance with the provisions of 6 NYCRR Part 225-1.

Fuel analyses must contain, as a minimum, data on the sulfur content, specific gravity and heating value of any residual oil, distillate oil or coal received, burned or sold. Ash content shall also be included in the fuel analyses for any residual oil or coal received, burned or sold.

These records shall be retained for a minimum period of three years. If the facility is subject to Title V requirements the minimum record retention period shall be five years. The records shall be made available for inspection by department staff during normal business hours. In addition, copies of such records shall be furnished to department staff upon request. All required sampling, compositing and analysis of fuel samples must be done in accordance with methods acceptable to the department.

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 7/30/2007.

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

Condition 32: Compliance Certification

Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 227-1

Item 32.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-10001

Process: 200

Emission Unit: U-10001

Process: 300

Regulated Contaminant(s):



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

CAS No: 0NY075-00-0 PARTICULATES

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

A stack test shall be performed to demonstrate compliance with the Part 227 (effective August 12, 1972) particulate limit. (Per Part 227.2(b): No person shall cause, permit, or allow a two hour average emission into the outdoor atmosphere of particulates in excess of 0.10 pound per million BTU heat input from: (1) any oil fired stationary combustion installation..."). See separate permit conditions under Part 202-1 concerning stack testing protocol submittal before the test and stack testing reporting after the test.

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: Methods 5/202

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 2-HOUR BLOCK AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 33: Compliance Certification

Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 227-1.3

Item 33.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00001

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00003

Emission Unit: U-10001 Emission Point: 00001
Process: 300 Emission Source: 00003

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00004



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Emission Unit: U-10001 Emission Point: 00001
Process: 300 Emission Source: 00004

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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

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

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

The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

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.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 34: Recordkeeping requirements.
Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 34.1:
This Condition applies to:

Emission Unit: U10001	Emission Point: 00001
Process: 100	Emission Source: 00001
Emission Unit: U10001	Emission Point: 00001
Process: 100	Emission Source: 00002
Emission Unit: U10001	Emission Point: 00001
Process: 200	Emission Source: 00001
Emission Unit: U10001	Emission Point: 00001
Process: 200	Emission Source: 00002
Emission Unit: U10001	Emission Point: 00001
Process: 300	Emission Source: 00001

Item 34.2:
Affected owners or operators shall maintain records of occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.

Condition 35: Compliance Certification

Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 35.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-10001 Emission Point: 00001
Process: 300 Emission Source: 00001

Emission Unit: U-10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Affected owners or operators shall submit an excess emissions report and/or a summary report form (as defined in 40 CFR 60.7(d)) semi-annually (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be post marked no later than 30 days after each calendar quarter (or as appropriate), and shall contain the following information:

- 1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;
- 2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;
- 3) the date and time identifying each period during which the continuous monitoring system was inoperative except



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

for zero and span checks and the nature of the system repairs or adjustments; and

4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 36: Excess emissions report.
Effective between the dates of 05/14/2007 and 05/13/2012**

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

Item 36.1:

This Condition applies to:

Emission Unit: U10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Emission Unit: U10001 Emission Point: 00001
Process: 300 Emission Source: 00001

Item 36.2:

A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).

**Condition 37: Facility files for subject sources.
Effective between the dates of 05/14/2007 and 05/13/2012**

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

Item 37.1:

This Condition applies to:

Emission Unit: U10001 Emission Point: 00001
Process: 100 Emission Source: 00001



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Emission Unit: U10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U10001 Emission Point: 00001
Process: 200 Emission Source: 00001

Emission Unit: U10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Emission Unit: U10001 Emission Point: 00001
Process: 300 Emission Source: 00001

Item 37.2:

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

Condition 38: Availability of information.
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.9, NSPS Subpart A

Item 38.1:

This Condition applies to:

Emission Unit: U10001 Emission Point: 00001
Process: 100 Emission Source: 00001

Emission Unit: U10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U10001 Emission Point: 00001
Process: 200 Emission Source: 00001

Emission Unit: U10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Emission Unit: U10001 Emission Point: 00001
Process: 300 Emission Source: 00001

Item 38.2:

The availability to the public of information provided to, or otherwise obtained by, the Administrator



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

under this part shall be governed by 40 CFR Part 2.

**Condition 39: Compliance with Standards and Maintenance Requirements
Effective between the dates of 05/14/2007 and 05/13/2012**

Applicable Federal Requirement: 40CFR 60.11(d), NSPS Subpart A

Item 39.1:

This Condition applies to:

Emission Unit: U10001	Emission Point: 00001
Process: 100	Emission Source: 00001

Emission Unit: U10001	Emission Point: 00001
Process: 100	Emission Source: 00002

Emission Unit: U10001	Emission Point: 00001
Process: 200	Emission Source: 00001

Emission Unit: U10001	Emission Point: 00001
Process: 200	Emission Source: 00002

Emission Unit: U10001	Emission Point: 00001
Process: 300	Emission Source: 00001

Item 39.2:

At all times, including periods of startup, shutdown, and malfunction, owners and operators of this facility shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department and the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

**Condition 40: Circumvention.
Effective between the dates of 05/14/2007 and 05/13/2012**

Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A

Item 40.1:

This Condition applies to:

Emission Unit: U10001	Emission Point: 00001
Process: 100	Emission Source: 00001



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Emission Unit: U10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U10001 Emission Point: 00001
Process: 200 Emission Source: 00001

Emission Unit: U10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Emission Unit: U10001 Emission Point: 00001
Process: 300 Emission Source: 00001

Item 40.2:

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

Condition 41: Compliance Certification
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.13(d), NSPS Subpart A

Item 41.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-10001 Emission Point: 00001
Process: 300 Emission Source: 00001

Emission Unit: U-10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners and operators of all continuous emission monitoring systems installed in accordance with the provisions of this part shall check the zero (or low-level value between 0 and 20 percent of span value) and span (50 to 100 percent of span value) calibration drifts at least



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

once daily in accordance with a written procedure. The zero and span shall, as a minimum, be adjusted whenever the 24-hour zero drift or 24-hour span drift exceeds two times the limits of the applicable performance specifications in appendix B. The system must allow the amount of excess zero and span drift measured at the 24-hour interval checks to be recorded and quantified, whenever specified. For continuous monitoring systems measuring opacity of emissions, the optical surfaces exposed to the effluent gases shall be cleaned prior to performing the zero and span drift adjustments except that for systems using automatic zero adjustments. The optical surfaces shall be cleaned when the cumulative automatic zero compensation exceeds 4 percent opacity.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 42: Compliance Certification
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.13(e), NSPS Subpart A

Item 42.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: U-10001 Emission Point: 00001
Process: 300 Emission Source: 00001

Emission Unit: U-10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Except for system breakdowns, repairs, calibration checks, and zero and span adjustments required under paragraph 40 CFR 60.13 (d) of this section, all continuous



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

monitoring systems shall be in continuous operation and shall meet minimum frequency of operation requirements as follows:

(1) All continuous monitoring systems referenced by paragraph 40 CFR 60.13 (c) of this section for measuring opacity of emissions shall complete a minimum of one cycle of sampling and analyzing for each successive 10-second period and one cycle of data recording for each successive 6-minute period.

(2) All continuous monitoring systems referenced by paragraph 40 CFR 60.13 (c) of this section for measuring emissions, except opacity, shall complete a minimum of one cycle of operation (sampling, analyzing, and data recording) for each successive 15-minute period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 43: Compliance Certification
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.13(h), NSPS Subpart A

Item 43.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Emission Unit: U-10001 Emission Point: 00001
Process: 300 Emission Source: 00001

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners or operators of all continuous monitoring systems for measurement of opacity shall reduce all data to



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

6-minute averages and for continuous monitoring systems other than opacity to 1-hour averages for time periods as defined in §60.2. Six-minute opacity averages shall be calculated from 36 or more data points equally spaced over each 6-minute period. For continuous monitoring systems other than opacity, 1-hour averages shall be computed from four or more data points equally spaced over each 1-hour period. Data recorded during periods of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments shall not be included in the data averages computed under this paragraph. An arithmetic or integrated average of all data may be used. The data may be recorded in reduced or nonreduced form (e.g., ppm pollutant and percent O2 or ng/J of pollutant). All excess emissions shall be converted into units of the standard using the applicable conversion procedures specified in subparts. After conversion into units of the standard, the data may be rounded to the same number of significant digits as used in the applicable subparts to specify the emission limit.

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 7/30/2007.

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

Condition 44: Compliance Certification

Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.43b(f), NSPS Subpart Db

Item 44.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

The owner or operator shall not cause to be discharged into the atmosphere 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.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 45: Particulate matter and opacity exemption
Effective between the dates of 05/14/2007 and 05/13/2012**

Applicable Federal Requirement: 40CFR 60.43b(g), NSPS Subpart Db

Item 45.1:

This Condition applies to:

Emission Unit: U10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Item 45.2:

The particulate matter and opacity standards shall apply at all times, except during periods of startup, shutdown, or malfunction.

**Condition 46: Applicability of oxides of nitrogen standard
Effective between the dates of 05/14/2007 and 05/13/2012**

Applicable Federal Requirement: 40CFR 60.44b(h), NSPS Subpart Db

Item 46.1:

This Condition applies to:

Emission Unit: U10001 Emission Point: 00001
Process: 100 Emission Source: 00002



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Emission Unit: U10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Item 46.2:

The emissions standard for oxides of nitrogen shall apply at all times including periods of startup, shutdown, and malfunction.

Condition 47: Averaging period
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.44b(i), NSPS Subpart Db

Item 47.1:

This Condition applies to:

Emission Unit: U10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Item 47.2:

Except as noted in paragraph (j) of this section, compliance with the emission limits shall be determined on a 30 day rolling average basis.

Condition 48: Compliance Certification
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.44b(l)(1), NSPS Subpart Db

Item 48.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00002

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

Item 48.2:

Compliance Certification shall include the following monitoring:



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

An affected facility which commenced construction or reconstruction after July 9, 1997 shall meet this emission limit.

Manufacturer Name/Model Number: DATATEST Model 501-MP

Upper Permit Limit: 0.20 pounds per million Btus

Reference Test Method: 40 CFR 60 Appendix B PS1, PS2

Monitoring Frequency: CONTINUOUS

Averaging Method: 30-DAY ROLLING AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 49: Compliance Certification

Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.46b(e)(4), NSPS Subpart Db

Item 49.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Regulated Contaminant(s):

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

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Upon request, a 30-day performance test shall be done.

Manufacturer Name/Model Number: DATATEST Model 501-MP

Upper Permit Limit: 0.20 pounds per million Btus

Reference Test Method: 40 CFR 60 Appendix B PS1, PS2

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Averaging Method: 30-DAY AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 50: Opacity Monitoring Requirements

Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.48b(a), NSPS Subpart Db

Item 50.1:

This Condition applies to:

Emission Unit: U10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Item 50.2:

Facilities subject to section 40 CFR 60-Db.43b opacity standard must install, calibrate, maintain, operate, and record the data from a continuous opacity monitor.

Condition 51: NO_x Monitoring Requirements

Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.48b(b), NSPS Subpart Db

Item 51.1:

This Condition applies to:

Emission Unit: U10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Item 51.2:

Facilities subject to section 40 CFR 60-Db.44b shall install, calibrate, maintain, operate, and record the output from an oxides of nitrogen CEM.

Condition 52: Compliance Certification

Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.48b(c), NSPS Subpart Db

Item 52.1:



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The continuous monitoring systems required under paragraph 40 CFR 60.48b (b) shall be operated and data recorded during all periods of operation of the affected facility except for continuous monitoring system breakdowns and repairs. Data is recorded during calibration checks, and zero and span adjustments.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 53: Compliance Certification

Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.48b(e)(2), NSPS Subpart Db

Item 53.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Regulated Contaminant(s):

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

Item 53.2:

Compliance Certification shall include the following monitoring:



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

When burning coal, oil, or natural gas, the span value of the Continuous Emission Monitoring System used to measure Nitrogen Oxides (NOx) emissions shall be:

Fuel	Span Value for Nitrogen Oxides in PPM
Natural Gas	500
Oil	500
Coal	1000
Mixture of above	$500(x+y) + 1000(z)$

Where:

x is the fraction of total heat input derived from natural gas

y is the fraction of total heat input derived from oil, and

z is the fraction of total heat input derived from coal.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 54: Use of alternative methods for measuring NOx during CEMS downtime
Effective between the dates of 05/14/2007 and 05/13/2012**

Applicable Federal Requirement: 40CFR 60.48b(f), NSPS Subpart Db

Item 54.1:

This Condition applies to:

Emission Unit: U10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Item 54.2:

When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments, emission data will be obtained



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

by using standby monitoring systems, Method 7, Method 7A, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days.

Condition 55: Compliance Certification
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.49b(d), NSPS Subpart Db

Item 55.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall record and maintain records of the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for each calendar quarter. The annual capacity factor is determined on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month.

Monitoring Frequency: DAILY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 56: Compliance Certification
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.49b(f), NSPS Subpart Db

Item 56.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-10001 Emission Point: 00001
Process: 100 Emission Source: 00002



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain records of opacity measurements made by the monitoring system required under 40CFR60.48b(a).

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 57: Compliance Certification

Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.49b(g), NSPS Subpart Db

Item 57.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Regulated Contaminant(s):

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

Item 57.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain records of the following information for each steam generating unit operating day:

- 1) Calendar date.

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153



- 2) The average hourly nitrogen oxides emission rates (expressed as NO₂) (ng/J or lb/million Btu heat input) measured or predicted.
- 3) The 30-day average nitrogen oxides emission rates (ng/J or lb/million Btu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceding 30 steam generating unit operating days.
- 4) Identification of the steam generating unit operating days when the calculated 30-day average nitrogen oxides emission rates are in excess of the nitrogen oxides emission standards under 40CFR60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken.
- 5) Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken.
- 6) Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data.
- 7) Identification of the "F" factor used for calculations, method of determination, and type of fuel combusted.
- 8) Identification of the times when the pollutant concentration exceeded the full span of the continuous monitoring system.
- 9) Description of any modifications to the continuous monitoring system that could affect the ability of the system to comply with Performance Specification 2 or 3.
- 10) Results of daily CEMS drift tests and quarterly accuracy assessments as required under 40CFR60 Appendix F, Procedure 1.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 58: Compliance Certification
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.49b(h), NSPS Subpart Db



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Item 58.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00002

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

Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Excess emissions reports shall be submitted for 1)
opacity, if subject the Db 60.43b(f) opacity standards and
for 2) NOx, if subject to the Db 44b NOx standards and
combust natural gas or distillate oil.

Monitoring Frequency: SEMI-ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 59: Compliance Certification

Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.49b(i), NSPS Subpart Db

Item 59.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-10001 Emission Point: 00001
Process: 100 Emission Source: 00002

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00002

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



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Item 59.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any affected facility subject to the continuous monitoring requirements for nitrogen oxides under §60.48b shall submit reports containing the information recorded under 40CFR60.49b(g). All reports shall be postmarked by the 30th day following the end of each semiannual period.

Monitoring Frequency: SEMI-ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 60: Compliance Certification

Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 60.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00001

Emission Unit: U-10001 Emission Point: 00001
Process: 300 Emission Source: 00001

Item 60.2:

Compliance Certification 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 submit semi-annual reports to the Administrator.

Monitoring Frequency: SEMI-ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

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

Condition 61: Compliance Certification

Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 61.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: U-10001 Emission Point: 00001
Process: 100 Emission Source: 00001

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00001

Emission Unit: U-10001 Emission Point: 00001
Process: 300 Emission Source: 00001

Item 61.2:

Compliance Certification 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

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

Condition 62: Emission Point Definition By Emission Unit

Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 201-6

Item 62.1:

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

Emission Unit: U-10001

Emission Point: 00001



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Design Capacity: 77 million Btu per hour

Emission Source/Control: 00002 - Combustion
Design Capacity: 119 million Btu per hour

Emission Source/Control: 00003 - Combustion
Design Capacity: 79 million Btu per hour

Emission Source/Control: 00004 - Combustion
Design Capacity: 122 million Btu per hour

Emission Source/Control: 0001A - Control
Control Type: CENTRIFUGAL

Emission Source/Control: 0003A - Control
Control Type: CENTRIFUGAL

Emission Source/Control: 0004A - Control
Control Type: CENTRIFUGAL

Item 63.3:

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

Emission Unit: U-10001

Process: 300

Source Classification Code: 1-03-004-02

Process Description:

COMBUSTION OF #6 OIL AS A SECONDARY FUEL. SUCH COMBUSTION PRODUCES HOT WATER FOR SPACE HEATING AND FOR THE OPERATION OF ADSORPTION CHILLERS FOR COOLING. WHEN FIRING OIL, FLUE GAS IS ROUTED THROUGH CENTRIFUGAL COLLECTORS ATTACHED TO EACH BOILER FOR PARTICULATE MATTER REDUCTION.

Emission Source/Control: 00001 - Combustion
Design Capacity: 77 million Btu per hour

Emission Source/Control: 00003 - Combustion
Design Capacity: 79 million Btu per hour

Emission Source/Control: 00004 - Combustion
Design Capacity: 122 million Btu per hour

Emission Source/Control: 0001A - Control
Control Type: CENTRIFUGAL

Emission Source/Control: 0003A - Control



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Control Type: CENTRIFUGAL

Emission Source/Control: 0004A - Control

Control Type: CENTRIFUGAL

Condition 64: Capping Monitoring Condition
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 6NYCRR 201-7

Item 64.1:

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

6NYCRR 225-1.7(b)

6NYCRR 227-1.4(a)

Item 64.2:

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

Item 64.3:

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 64.4:

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 64.5:

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 64.6:

The Compliance Certification activity will be performed for:

Emission Unit: U-10001 Emission Point: 00001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 64.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Heat input capped at less than the upper limit shown below to avoid the Part 227-1 opacity COMS and Part 225-1 sulfur CEMS requirements. Hourly, the amount of fuel burned must be multiplied by the heat content of the fuels (#2 oil: 140,000 BTU/gal, #6 oil: 150,000 BTU/gal, natural gas: 1020 BTU/ft³) to arrive at a stack heat input. This stack heat input shall be less than the limit. Records of hourly fuel usage and hourly heat input are required.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: FUEL

Parameter Monitored: HEAT INPUT

Upper Permit Limit: 237.5 million BTUs per hour

Monitoring Frequency: HOURLY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 65: Compliance Certification

Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.7(a)(4), NSPS Subpart A

Item 65.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-10001 Emission Point: 00001

Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any owner or operator subject to the provisions of this part shall furnish the Administrator written notification



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

or, if acceptable to both the Administrator and the owner or operator of a source, electronic notification, as follows:

A notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in 40 CFR Part 60.14(e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional relevant information subsequent to this notice.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 66: Reconstruction.
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.15, NSPS Subpart A

Item 66.1:

This Condition applies to Emission Unit: U-10001 Emission Point: 00001

Item 66.2:

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

- 1) a notice of intent to reconstruct 60 days prior to the action;
- 2) name and address of the owner or operator;
- 3) the location of the existing facility;
- 4) a brief description of the existing facility and the components to be replaced;
- 5) a description of the existing air pollution control equipment and the proposed air pollution control equipment;
- 6) an estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new facility;

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153



7) the estimated life of the facility after the replacements; and

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

Condition 67: Exemption from the averaging period.
Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 67.1:

This Condition applies to Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00001

Item 67.2:

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 68: Compliance Certification
Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 68.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00001

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

Item 68.2:

Compliance Certification 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 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



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

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 period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 69: Compliance Certification
Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 69.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00001

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

Item 69.2:

Compliance Certification 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



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 70: Sulfur dioxide standard compliance.
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.42b(g), NSPS Subpart Db

Item 70.1:

This Condition applies to Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Item 70.2:

Sulfur dioxide limitations shall be met at all times including periods start up, shutdown, and malfunction.

Condition 71: Demonstration criteria for low sulfur oil.
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.42b(j), NSPS Subpart Db

Item 71.1:

This Condition applies to Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Item 71.2:

Affected facilities which fire very low sulfur oil shall demonstrate that the oil meets the definition of very low sulfur oil by:

1) Following the performance testing procedures in subdivision 60.45b(c) or subdivision 60.45b(d) and following monitoring procedures in subdivision 60.47b(a) or in subdivision 60.47b(b) to determine SO₂ emission rate or fuel oil sulfur content; or

2) Maintaining fuel receipts as described in subdivision 60.49b(r).

Condition 72: Compliance Certification
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.45b(j), NSPS Subpart Db

Item 72.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00002

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153



Item 72.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility that combusts very low sulfur oil is not subject to the compliance and performance testing requirements of this section if the owner or operator obtains fuel receipts as described in §60.49b(r).

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

**Condition 73: Alternative sulfur dioxide monitoring method.
Effective between the dates of 05/14/2007 and 05/13/2012**

Applicable Federal Requirement: 40CFR 60.47b(f), NSPS Subpart Db

Item 73.1:

This Condition applies to Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Item 73.2:

Facilities which combust very low sulfur oil are not subject to the requirements of section 40 CFR 60-Db.47b if fuel receipts are obtained in accordance with subdivision 40 CFR 60-Db.49b(r).

**Condition 74: Compliance Certification
Effective between the dates of 05/14/2007 and 05/13/2012**

Applicable Federal Requirement: 40CFR 60.49b(j), NSPS Subpart Db

Item 74.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00002

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility subject to



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

the sulfur dioxide standards under 60.42b shall submit written reports to the Administrator for every semiannual reporting period. All reports shall be postmarked by the 30th day following the end of each semiannual reporting period.

Monitoring Frequency: SEMI-ANNUALLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 75: Compliance Certification
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.49b(r), NSPS Subpart Db

Item 75.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-10001 Emission Point: 00001
Process: 200 Emission Source: 00002

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

Item 75.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner or operator who elects to demonstrate that the affected facility combusts only very low sulfur oil shall obtain and maintain at the facility fuel receipts from the fuel supplier which certify that the the oil meets the definition of distillate oil as defined 40CFR60.41b. For the purposes of this requirement, the oil need not meet the fuel nitrogen content specification in the definition of distillate oil. Semiannual reports shall be submitted to the Administrator certifying that only very low sulfur oil was combusted in the affected facility during the preceding semiannual period.

Monitoring Frequency: PER DELIVERY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

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

Condition 76: Averaging period.
Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 76.1:

This Condition applies to Emission Unit: U-10001 Emission Point: 00001
Process: 300 Emission Source: 00001

Item 76.2:

Compliance with emission limits, percent reduction, and fuel oil sulfur limitations shall be based on a 30 day rolling average.

Condition 77: Alternative compliance method for sulfur dioxide.
Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 77.1:

This Condition applies to Emission Unit: U-10001 Emission Point: 00001
Process: 300 Emission Source: 00001

Item 77.2:

Oil fired facilities demonstrating compliance with the sulfur dioxide standard through sampling and analysis must test every shipment of oil after the initial approval.

Condition 78: Compliance Certification
Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 78.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-10001 Emission Point: 00001
Process: 300 Emission Source: 00001

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

Item 78.2:

Compliance Certification shall include the following monitoring:

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



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Monitoring Description:

Oil fired facilities demonstrating compliance through sampling and analysis shall initially prove the oil sulfur content to be 0.5% by weight or less.

Process Material: FUEL OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 percent by weight

Monitoring Frequency: SINGLE OCCURRENCE

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 7/30/2007.

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

Condition 79: Compliance Certification

Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.46c(d)(1), NSPS Subpart Dc

Item 79.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-10001 Emission Point: 00001

Process: 300 Emission Source: 00001

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 79.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

As an alternative to operating a CEMs at the inlet to the SO₂ control device (or outlet of the steam generating unit if no SO₂ control device is used) as required under paragraph §60.46c (a), an owner or operator may elect to determine the average SO₂ emission rate by sampling fuel prior to combustion.

For affected facilities combusting coal or oil, coal or oil samples shall be collected daily in an as-fired condition at the inlet to the steam generating unit and analyzed for sulfur content and heat content according to the



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Method 19. Method 19 provides the procedures for converting these measurements into the format to be used in calculating the average SO₂ input rate.

Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.5 percent by weight
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 30-DAY ROLLING AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 80: Compliance Certification
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable Federal Requirement: 40CFR 60.46c(d)(2), NSPS Subpart Dc

Item 80.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-10001 Emission Point: 00001
Process: 300 Emission Source: 00001

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

Item 80.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

As an alternative to operating a CEMs at the inlet to the SO₂ control device (or outlet of the steam generating unit if no SO₂ control device is used) as required under paragraph §60.46c (a), an owner or operator may elect to determine the average SO₂ emission rate by sampling fuel prior to combustion.

As an alternative fuel sampling procedure for affected facilities combusting oil, oil samples may be collected from the fuel tank for each steam generating unit immediately after the fuel tank is filled and before any oil is combusted.



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.5 percent by weight
Reference Test Method: Method 19
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 30-DAY ROLLING AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 81: Opacity monitoring requirements.
Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 81.1:

This Condition applies to Emission Unit: U-10001 Emission Point: 00001
Process: 300 Emission Source: 00001

Item 81.2:

Facilities combusting coal, residual oil, and wood, subject to section 40 CFR 60-Dc.43c shall install, calibrate, maintain, and operate CEMs for opacity.

Condition 82: Opacity monitoring requirements.
Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 82.1:

This Condition applies to Emission Unit: U-10001 Emission Point: 00001
Process: 300 Emission Source: 00001

Item 82.2:

All CEMs measuring opacity shall be operated in accordance with Appendix B of this part 40 CFR 60. The span value shall be between 60% and 80%.

Condition 83: Compliance Certification
Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 83.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-10001 Emission Point: 00001
Process: 300 Emission Source: 00001



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 83.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each coal-fired, residual oil-fired, or wood-fired affected facility subject to the opacity limits under §60.43c(c) shall submit excess emission reports, to the Administrator, semiannually. All reports shall be postmarked by the 30th day following the end of each semiannual reporting period.

Monitoring Frequency: SEMI-ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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

Condition 84: Compliance Certification

Effective between the dates of 05/14/2007 and 05/13/2012

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

Item 84.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-10001 Emission Point: 00001

Process: 300 Emission Source: 00001

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 84.2:

Compliance Certification 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.



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

Each 30-day average SO₂ emission rate, or 30-day average sulfur content (weight percent), calculated during the reporting period, ending with the last 30-day period in the quarter; reasons for any noncompliance with the emission standards; and a description of corrective action taken.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2007.

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



STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

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

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

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

STATE ONLY APPLICABLE REQUIREMENTS

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

Condition 85: Contaminant List
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable State Requirement: ECL 19-0301

Item 85.1:

Emissions of the following contaminants are subject to contaminant specific requirements in this

New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153



permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 0NY998-00-0

Name: VOC

Condition 86: Unavoidable noncompliance and violations
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable State Requirement: 6NYCRR 201-1.4

Item 86.1:

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



New York State Department of Environmental Conservation

Permit ID: 4-0101-00153/00005

Facility DEC ID: 4010100153

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 87: Air pollution prohibited
Effective between the dates of 05/14/2007 and 05/13/2012

Applicable State Requirement: 6NYCRR 211.2

Item 87.1:

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.