

New York State Department of Environmental Conservation
Facility DEC ID: 8443200001



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 8-4432-00001/00031
Effective Date: 10/11/2006 Expiration Date: 10/10/2011

Permit Issued To: U S SALT LLC
SALT POINT RD
P O BOX 110
WATKINS GLEN, NY 14891-0110

Facility: U S SALT - WATKINS GLEN REFINERY
SALT PT RD
WATKINS GLEN, NY 14891

Contact: ROBERT TRAVER
US SALT LLC
SALT POINT RD - PO BOX 110
WATKINS GLEN, NY 14891-0110
(607) 535-2721

Description:

Renewal of the Title V Facility Permit issued November 2, 2000, modified to authorize the addition of a new 160 million BTU per hour fluidized bed boiler, and to delete the waste incinerator for packaging paper, paperboard, and wood, which was removed in 2002. The Watkins Glen Refinery produces and packages salt from nearby brine production operations, and emits air contaminants from salt dewatering, drying, processing, and packaging operations, and from three existing natural gas and oil fired process boilers. The new boiler can be fired by any combination of coal, wood, or natural gas.

The Refinery meets the definition of a major stationary source in 6 NYCRR Part 201-6, and is required to maintain a Title V Facility Permit, due to potential emissions of carbon monoxide (CO), oxides of nitrogen (NOX), sulfur dioxide (SO₂), total particulate matter (PM), and particulate matter less than 10 microns (PM-10), of over 100 tons per year each.

This permit contains conditions to limit fuel use, to restrict boiler emission increases to below the thresholds in 6NYCRR Part 231 New Source Review (NSR) and 40 CFR 52.21 Prevention of Significant Deterioration (PSD) regulations. The potential increases in emissions are limited to less than 40 tons per year each for NOX, SO₂, PM, PM-10, and CO.

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

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

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal -REGION 8
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 and Modifications
Applicable State Requirement: 6NYCRR 621.13

Item 3.1:

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

Item 3.2:

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

Item 3.3:



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

Item 4.1:

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

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

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

Condition 5: Submission of Applications for Permit Modification or Renewal -REGION 8 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

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

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



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ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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Facility: U S SALT - WATKINS GLEN REFINERY
SALT PT RD
WATKINS GLEN, NY 14891

Authorized Activity By Standard Industrial Classification Code:
2899 - CHEMICAL PREPARATIONS, NEC

Permit Effective Date: 10/11/2006

Permit Expiration Date: 10/10/2011



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6NYCRR 201-6.5(a)(7): Fees
- 3 6NYCRR 201-6.5(c): Recordkeeping and reporting of compliance monitoring
- 4 6NYCRR 201-6.5(c)(2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6NYCRR 201-6.5(c)(3)(ii): Compliance Certification
- 6 6NYCRR 201-6.5(e): Compliance Certification
- 7 6NYCRR 202-2.1: Compliance Certification
- 8 6NYCRR 202-2.5: Recordkeeping requirements
- 9 6NYCRR 215: Open Fires Prohibited at Industrial and Commercial Sites
- 10 6NYCRR 200.7: Maintenance of Equipment
- 11 6NYCRR 201-1.7: Recycling and Salvage
- 12 6NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6NYCRR 201-3.2(a): Exempt Sources - Proof of Eligibility
- 14 6NYCRR 201-3.3(a): Trivial Sources - Proof of Eligibility
- 15 6NYCRR 201-6.5(a)(4): Standard Requirement - Provide Information
- 16 6NYCRR 201-6.5(a)(8): General Condition - Right to Inspect
- 17 6NYCRR 201-6.5(d)(5): Standard Requirements - Progress Reports
- 18 6NYCRR 201-6.5(f)(6): Off Permit Changes
- 19 6NYCRR 202-1.1: Required Emissions Tests
- 20 6NYCRR 211.3: Visible Emissions Limited
- 21 40CFR 68: Accidental release provisions.
- 22 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 23 6NYCRR 201-6: Emission Unit Definition
- 24 6NYCRR 201-6.5(c)(3): Compliance Certification
- 25 6NYCRR 225-1.2(a)(2): Compliance Certification
- 26 6NYCRR 225-1.8(a): Compliance Certification
- 27 40CFR 60.7(a), NSPS Subpart A: Modification Notification
- 28 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 29 40CFR 60.7(c), NSPS Subpart A: Compliance Certification
- 30 40CFR 60.7(d), NSPS Subpart A: Excess emissions report.
- 31 40CFR 60.7(e), NSPS Subpart A: Monitoring frequency waiver.
- 32 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 33 40CFR 60.7(g), NSPS Subpart A: Notification Similar to State or Local Agency
- 34 40CFR 60.8(a), NSPS Subpart A: Performance testing timeline.
- 35 40CFR 60.8(b), NSPS Subpart A: Performance Test Methods - Waiver
- 36 40CFR 60.8(b), NSPS Subpart A: Performance test methods.
- 37 40CFR 60.8(c), NSPS Subpart A: Required performance test information.
- 38 40CFR 60.8(d), NSPS Subpart A: Prior notice.



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- 39 40CFR 60.8(e), NSPS Subpart A: Performance testing facilities.
- 40 40CFR 60.8(f), NSPS Subpart A: Number of required tests.
- 41 40CFR 60.9, NSPS Subpart A: Availability of information.
- 42 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 43 40CFR 60.12, NSPS Subpart A: Circumvention.
- 44 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 45 40CFR 60.14, NSPS Subpart A: Modifications.
- 46 40CFR 60.15, NSPS Subpart A: Reconstruction

Emission Unit Level

- 47 6NYCRR 201-6: Emission Point Definition By Emission Unit
- 48 6NYCRR 201-6: Process Definition By Emission Unit
- 49 6NYCRR 201-7: Process Permissible Emissions

EU=1-BOILS

- *50 6NYCRR 201-7: Capping Monitoring Condition
- *51 6NYCRR 201-7: Capping Monitoring Condition
- *52 6NYCRR 201-7: Capping Monitoring Condition
- 53 6NYCRR 225-1.2(d): Compliance Certification
- 54 6NYCRR 225-1.2(d): Compliance Certification
- 55 6NYCRR 225-1.2(d): Compliance Certification
- 56 6NYCRR 227-1.3(a): Compliance Certification
- 57 6NYCRR 231-2.6: Compliance Certification
- 58 6NYCRR 231-2.6: Compliance Certification
- 59 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 60 40CFR 60.7(a), NSPS Subpart A: Date of Construction Notification -
if a COM is used.
- 61 40CFR 60.45b, NSPS Subpart Db: Compliance Certification
- 62 40CFR 60.45b(c), NSPS Subpart Db: Compliance Certification
- 63 40CFR 60.47b, NSPS Subpart Db: Compliance Certification
- 64 40CFR 60.47b(a), NSPS Subpart Db: Compliance Certification
- 65 40CFR 60.48b, NSPS Subpart Db: Compliance Certification
- 66 40CFR 60.49b, NSPS Subpart Db: Compliance Certification

EU=1-BOILS,Proc=BC1,ES=UNIT9

- 67 40CFR 60.42b(a), NSPS Subpart Db: Compliance Certification
- 68 40CFR 60.42b(e), NSPS Subpart Db: Sulfur dioxide averaging period.
- 69 40CFR 60.42b(g), NSPS Subpart Db: Sulfur dioxide standard compliance.
- 70 40CFR 60.43b(a)(1), NSPS Subpart Db: Compliance Certification
- 71 40CFR 60.43b(e), NSPS Subpart Db: Annual capacity factor.
- 72 40CFR 60.43b(f), NSPS Subpart Db: Compliance Certification
- 73 40CFR 60.43b(f), NSPS Subpart Db: Compliance Certification
- 74 40CFR 60.43b(g), NSPS Subpart Db: Particulate matter and opacity
exemption.
- 75 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of
nitrogen standard.
- 76 40CFR 60.44b(i), NSPS Subpart Db: Averaging period.
- 77 40CFR 60.44b(l), NSPS Subpart Db: Compliance Certification



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- 78 40CFR 60.46b, NSPS Subpart Db: Compliance and performance methods for oxides of nitrogen and particulate matter.
- 79 40CFR 60.48b(a), NSPS Subpart Db: Compliance Certification
- 80 40CFR 60.48b(b), NSPS Subpart Db: Compliance Certification
- 81 40CFR 60.48b(c), NSPS Subpart Db: Compliance Certification

EU=1-BOILS,Proc=BC2

- 82 40CFR 60.44b(b), NSPS Subpart Db: Standard for oxides of nitrogen.

EU=1-BOILS,Proc=BC2,ES=UNIT9

- 83 40CFR 60.42b(a), NSPS Subpart Db: Compliance Certification
- 84 40CFR 60.42b(e), NSPS Subpart Db: Sulfur dioxide averaging period.
- 85 40CFR 60.42b(g), NSPS Subpart Db: Sulfur dioxide standard compliance.
- 86 40CFR 60.43b(a)(2), NSPS Subpart Db: Particulate matter standard.
- 87 40CFR 60.43b(c)(1), NSPS Subpart Db: Particulate matter standard.
- 88 40CFR 60.43b(e), NSPS Subpart Db: Annual capacity factor.
- 89 40CFR 60.43b(f), NSPS Subpart Db: Compliance Certification
- 90 40CFR 60.43b(f), NSPS Subpart Db: Compliance Certification
- 91 40CFR 60.43b(g), NSPS Subpart Db: Particulate matter and opacity exemption.
- 92 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of nitrogen standard.
- 93 40CFR 60.44b(i), NSPS Subpart Db: Averaging period.
- 94 40CFR 60.44b(l), NSPS Subpart Db: Compliance Certification
- 95 40CFR 60.46b, NSPS Subpart Db: Compliance and performance methods for oxides of nitrogen and particulate matter.
- 96 40CFR 60.48b(a), NSPS Subpart Db: Compliance Certification
- 97 40CFR 60.48b(b), NSPS Subpart Db: Compliance Certification
- 98 40CFR 60.48b(c), NSPS Subpart Db: Compliance Certification

EU=1-BOILS,Proc=BC3,ES=UNIT9

- 99 40CFR 60.42b(e), NSPS Subpart Db: Sulfur dioxide averaging period.
- 100 40CFR 60.42b(g), NSPS Subpart Db: Sulfur dioxide standard compliance.
- 101 40CFR 60.43b(e), NSPS Subpart Db: Annual capacity factor.
- 102 40CFR 60.43b(f), NSPS Subpart Db: Compliance Certification
- 103 40CFR 60.43b(f), NSPS Subpart Db: Compliance Certification
- 104 40CFR 60.43b(g), NSPS Subpart Db: Particulate matter and opacity exemption.
- 105 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of nitrogen standard.
- 106 40CFR 60.44b(i), NSPS Subpart Db: Averaging period.
- 107 40CFR 60.44b(l), NSPS Subpart Db: Compliance Certification
- 108 40CFR 60.46b, NSPS Subpart Db: Compliance and performance methods for oxides of nitrogen and particulate matter.
- 109 40CFR 60.48b(a), NSPS Subpart Db: Compliance Certification
- 110 40CFR 60.48b(b), NSPS Subpart Db: Compliance Certification
- 111 40CFR 60.48b(c), NSPS Subpart Db: Compliance Certification

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EU=1-BOILS,Proc=BC4,ES=UNIT9

- 112 40CFR 60.43b(f), NSPS Subpart Db: Compliance Certification
- 113 40CFR 60.43b(f), NSPS Subpart Db: Compliance Certification
- 114 40CFR 60.43b(g), NSPS Subpart Db: Particulate matter and opacity exemption.
- 115 40CFR 60.44b(a)(1), NSPS Subpart Db: Compliance Certification
- 116 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of nitrogen standard.
- 117 40CFR 60.44b(i), NSPS Subpart Db: Averaging period.
- 118 40CFR 60.46b, NSPS Subpart Db: Compliance and performance methods for oxides of nitrogen and particulate matter.
- 119 40CFR 60.48b(a), NSPS Subpart Db: Compliance Certification
- 120 40CFR 60.48b(b), NSPS Subpart Db: Compliance Certification
- 121 40CFR 60.48b(c), NSPS Subpart Db: Compliance Certification

EU=1-BOILS,Proc=U1G,ES=UNIT1

- 122 6NYCRR 227-2.4(b)(1): Compliance Certification

EU=1-BOILS,Proc=U7G

- 123 6NYCRR 227-2.4(c)(1)(i): This is the optional condition for gas or distillate fired midsized boilers. If they opt not to use this method then 227-2.4(c)(2) applies.

EU=1-BOILS,Proc=U7O

- 124 6NYCRR 227-2.4(c)(1)(i): This is the optional condition for gas or distillate fired midsized boilers. If they opt not to use this method then 227-2.4(c)(2) applies.

EU=1-SALTP

- 125 6NYCRR 212.6(a): Compliance Certification

EU=1-SALTP,EP=00002

- 126 6NYCRR 212.4(c): Compliance Certification
- 127 6NYCRR 212.4(c): Compliance Certification

EU=1-SALTP,EP=00004

- 128 6NYCRR 212.4(c): Compliance Certification
- 129 6NYCRR 212.4(c): Compliance Certification

EU=1-SALTP,EP=00005

- 130 6NYCRR 212.4(c): Compliance Certification

EU=1-SALTP,EP=00006

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131 6NYCRR 212.4(c): Compliance Certification

132 6NYCRR 212.4(c): Compliance Certification

EU=1-SALTP,EP=00012

133 6NYCRR 212.4(c): Compliance Certification

134 6NYCRR 212.4(c): Compliance Certification

EU=1-SALTP,EP=00014

135 6NYCRR 212.4(c): Compliance Certification

EU=1-SALTP,EP=00015

136 6NYCRR 212.4(c): Compliance Certification

137 6NYCRR 212.4(c): Compliance Certification

EU=1-SALTP,EP=0001A

138 6NYCRR 212.4(c): Compliance Certification

139 6NYCRR 212.4(c): Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

140 ECL 19-0301: Contaminant List

141 6NYCRR 201-1.4: Unavoidable noncompliance and violations

142 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



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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

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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

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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



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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 10/11/2006 and 10/10/2011**

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



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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 10/11/2006 and 10/10/2011

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 10/11/2006 and 10/10/2011

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 10/11/2006 and 10/10/2011

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



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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 10/11/2006 and 10/10/2011

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.

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(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.

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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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

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:

Compliance certifications shall contain the following information:

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- 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.

Compliance certifications shall be submitted annually. Certification reports are due 30 days after the end of the calendar year.

All compliance certifications shall be submitted to the Administrator (or his or her representative) as well as two copies to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Compliance Monitoring and Enforcement (BCME) in the DEC central office). Please send annual compliance certifications to Chief of the Stationary Source Compliance Section, the Region 2 EPA representative for the Administrator, at the following address:

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

The address for the RAPCE is as follows:

6274 East Avon-Lima Road
Avon, NY 14414-9519

The address for the BCME is as follows:

NYSDEC
Bureau of Compliance Monitoring
and Enforcement
50 Wolf Road



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Albany, NY 12233-3258

Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 202-2.1

Item 7.1:

The Compliance Certification activity will be performed for the Facility.

Item 7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 10/11/2006 and 10/10/2011

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 10/11/2006 and 10/10/2011

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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 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 200.7

Item 10.1:

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

Condition 11: Recycling and Salvage
Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 201-1.7

Item 11.1:

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

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 12.1:

No person shall 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.

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Condition 13: Exempt Sources - Proof of Eligibility
Effective between the dates of 10/11/2006 and 10/10/2011

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 10/11/2006 and 10/10/2011

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

Item 14.1:

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

Condition 15: Standard Requirement - Provide Information
Effective between the dates of 10/11/2006 and 10/10/2011

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 10/11/2006 and 10/10/2011

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



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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 10/11/2006 and 10/10/2011

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

Item 17.1:

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

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

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

Condition 18: Off Permit Changes
Effective between the dates of 10/11/2006 and 10/10/2011

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



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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 10/11/2006 and 10/10/2011

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 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 211.3

Item 20.1:

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

Condition 21: Accidental release provisions.
Effective between the dates of 10/11/2006 and 10/10/2011

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



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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 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 22.1:

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

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

Condition 23: Emission Unit Definition
Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 201-6

Item 23.1:

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

Emission Unit: 1-BOILS

Emission Unit Description:

Four boilers (units 1, 7, 8 and 9) which provide process and heating steam for the facility. Unit 1 is a 103 MMBtu/hr heat input, natural gas fired boiler. Units 7 and 8 are each rated at 72.8 MMBtu/hr, firing primarily natural gas with No. 2 fuel oil as a back up. Unit 9 is a 160 MMBtu/hr heat input fluidized bed boiler firing coal, wood, natural gas or combinations of these fuels.

Building(s): 1

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Item 23.2:

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

Emission Unit: 1-SALTP

Emission Unit Description:

Salt processing and packaging operations. Raw brine is refined to produce granulated salt or purified salt, which is then packaged on site.

Building(s): 11B
18
3
4
5

Condition 24: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 24.1:

The Compliance Certification activity will be performed for the Facility.

Item 24.2:

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.

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.

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

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 25: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.5 percent by weight

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY



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TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 26: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 225-1.8(a)

Item 26.1:

The Compliance Certification activity will be performed for the Facility.

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: PER DELIVERY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 27: Modification Notification

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 27.1:

Any owner or operator subject to 40 CFR Part 60 shall furnish the Administrator and this office with the following information:

- a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under 40 CFR Part 60. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productivity capability of the facility before and after the change, and the expected completion date of the change. The Administrator and/or this Department may request additional information regarding the change.

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Condition 28: Recordkeeping requirements.
Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 28.1:

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

Condition 29: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 29.1:

The Compliance Certification activity will be performed for the Facility.

Item 29.2:

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 for zero and span checks and the nature of the system

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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 1/30/2007.

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

Condition 30: Excess emissions report.
Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 30.1:

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 31: Monitoring frequency waiver.
Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 31.1: Notwithstanding the frequency of reporting requirements specified in paragraph (c) of this section, an owner or operator who is required by an applicable subpart to submit excess emissions and monitoring systems performance reports (and summary reports) on a quarterly (or more frequent) basis may reduce the frequency of reporting for that standard to semiannual if the conditions in 40 CFR 60.7(e) are met.

Condition 32: Facility files for subject sources.
Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 32.1:

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 33: Notification Similar to State or Local Agency



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Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 33.1:

If notification substantially similar to that in 40 CFR Part 60.7(a) is required by any other State or local agency, sending the Administrator a copy of that notification will satisfy the requirements of 40 CFR Part 60.7(a).

Condition 34: Performance testing timeline.

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 34.1:

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

Condition 35: Performance Test Methods - Waiver

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 35.1:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR Part 60 unless the Administrator (1) specifies or approves, in specific cases, the use of a reference method with minor changes in methodology, (2) approves the use of an equivalent method, (3) approves the use of an alternate method the results of which he has determined to be adequate for indicating whether a specific source is in compliance, (4) waives the requirement for performance tests because the owner or operator of a source has demonstrated by other means to the Administrator's satisfaction that the affected facility is in compliance with the standard, or (5) approves shorter sampling times and smaller sample volumes when necessitated by process variables or other factors.

Condition 36: Performance test methods.

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 36.1:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR 60 or by alternative methods and procedures approved by the Administrator.

Condition 37: Required performance test information.

Effective between the dates of 10/11/2006 and 10/10/2011

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

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Item 37.1:

Performance tests shall be conducted under such conditions specified by the Administrator, based upon representative performance data supplied by the owner or operator of the facility.

Condition 38: Prior notice.

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 38.1:

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

Condition 39: Performance testing facilities.

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 39.1:

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

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

Condition 40: Number of required tests.

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 40.1:

Each performance test shall consist of three separate runs, at the specified duration required in the applicable test method. Compliance with all applicable standards shall be determined by using the arithmetic means of the results of the three runs.

Condition 41: Availability of information.

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 40CFR 60.9, NSPS Subpart A

Item 41.1:

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



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

Condition 42: Opacity standard compliance testing.
Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 40CFR 60.11, NSPS Subpart A

Item 42.1:

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

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

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

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

Condition 43: Circumvention.
Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 40CFR 60.12, NSPS Subpart A

Item 43.1:

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 44: Monitoring requirements.
Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 40CFR 60.13, NSPS Subpart A

Item 44.1:

All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

Condition 45: Modifications.
Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 40CFR 60.14, NSPS Subpart A

Item 45.1:

Within 180 days of the completion of any physical or operational change (as defined in section 60.14),



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compliance with the applicable standards must be achieved.

Condition 46: Reconstruction

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 40CFR 60.15, NSPS Subpart A

Item 46.1:

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;
- 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.

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

Condition 47: Emission Point Definition By Emission Unit

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 201-6

Item 47.1:

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

Emission Unit: 1-BOILS

Emission Point: 00001

Height (ft.): 150

Diameter (in.): 144

Building: CBLRR

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Emission Point: 00018
Height (ft.): 225 Diameter (in.): 126
NYTMN (km.): 4696.422 NYTME (km.): 344.731 Building: 1

Item 47.2:

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

Emission Unit: 1-SALTP

Emission Point: 00002
Height (ft.): 32 Diameter (in.): 30
NYTMN (km.): 4696.422 NYTME (km.): 344.731 Building: 18

Emission Point: 00004
Height (ft.): 65 Diameter (in.): 24
NYTMN (km.): 4696.422 NYTME (km.): 344.731 Building: 3

Emission Point: 00005
Height (ft.): 70 Length (in.): 144 Width (in.): 144
NYTMN (km.): 4696.422 NYTME (km.): 344.731 Building: 3

Emission Point: 00006
Height (ft.): 31 Diameter (in.): 30
NYTMN (km.): 4696.422 NYTME (km.): 344.731 Building: 5

Emission Point: 00012
Height (ft.): 56 Diameter (in.): 30
NYTMN (km.): 4696.422 NYTME (km.): 344.731 Building: 11B

Emission Point: 00014
Height (ft.): 65 Diameter (in.): 27
NYTMN (km.): 4696.422 NYTME (km.): 344.731 Building: 4

Emission Point: 00015
Height (ft.): 50 Diameter (in.): 30
NYTMN (km.): 4696.422 NYTME (km.): 344.731 Building: 4

Emission Point: 0001A
Height (ft.): 30 Diameter (in.): 24
NYTMN (km.): 4696.422 NYTME (km.): 344.731 Building: 18

Condition 48: Process Definition By Emission Unit
Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 201-6

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Item 48.1:

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

Emission Unit: 1-BOILS

Process: BC1

Source Classification Code: 1-02-002-18

Process Description:

Fluidized bed boiler firing bituminous coal. Natural gas or other fuels may be used during startup, shutdown or other times of transition between processes.

Emission Source/Control: UNIT9 - Combustion

Design Capacity: 160 million Btu per hour

Emission Source/Control: 00BH9 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 0SNCR - Control

Control Type: SELECTIVE NON-CATALYTIC REDUCTION (SNCR)

Item 48.2:

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

Emission Unit: 1-BOILS

Process: BC2

Source Classification Code: 1-02-009-02

Process Description:

Fluidized bed boiler firing bituminous coal and wood materials and natural gas.

Emission Source/Control: UNIT9 - Combustion

Design Capacity: 160 million Btu per hour

Emission Source/Control: 00BH9 - Control

Control Type: FABRIC FILTER

Emission Source/Control: 0SNCR - Control

Control Type: SELECTIVE NON-CATALYTIC REDUCTION (SNCR)

Item 48.3:

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

Emission Unit: 1-BOILS

Process: BC3

Source Classification Code: 1-02-009-02

Process Description:

Fluidized bed boiler firing wood materials. Natural gas or other fuels may be used during startup, shutdown or

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other times of transition between processes.

Emission Source/Control: UNIT9 - Combustion
Design Capacity: 160 million Btu per hour

Emission Source/Control: 00BH9 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 0SNCR - Control
Control Type: SELECTIVE NON-CATALYTIC REDUCTION
(SNCR)

Item 48.4:

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

Emission Unit: 1-BOILS
Process: BC4
Source Classification Code: 1-03-006-01
Process Description: Fluidized bed boiler firing natural gas.

Emission Source/Control: UNIT9 - Combustion
Design Capacity: 160 million Btu per hour

Emission Source/Control: 00BH9 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 0SNCR - Control
Control Type: SELECTIVE NON-CATALYTIC REDUCTION
(SNCR)

Item 48.5:

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

Emission Unit: 1-BOILS
Process: U1G
Source Classification Code: 1-02-006-01
Process Description:
PROCESS U1G CONSISTS OF UNIT 1 (103
MMBTU/HR) BURNING NATURAL GAS AS THE
PRIMARY FUEL.

Emission Source/Control: UNIT1 - Combustion
Design Capacity: 103 million Btu per hour

Item 48.6:

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

Emission Unit: 1-BOILS
Process: U7G
Source Classification Code: 1-02-006-02



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Process Description:

PROCESS U7G CONSISTS OF UNITS 7 AND 8 (72.8 MMBTU/HR EACH) BURNING NATURAL GAS AS THE PRIMARY FUEL. ALL PROCESS APPLICABLE REQUIREMENTS AND REPORTED PROCESS EMISSIONS APPLY TO EACH BOILER, UNLESS OTHERWISE NOTED.

Emission Source/Control: UNIT7 - Combustion

Design Capacity: 72.8 million Btu per hour

Emission Source/Control: UNIT8 - Combustion

Design Capacity: 72.8 million Btu per hour

Item 48.7:

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

Emission Unit: 1-BOILS

Process: U70

Source Classification Code: 1-02-005-02

Process Description:

PROCESS U70 CONSISTS OF UNITS 7 AND 8 (72.8 MMBTU/HR EACH) BURNING FUEL OIL AS THE PRIMARY FUEL. ALL PROCESS APPLICABLE REQUIREMENTS AND REPORTED PROCESS EMISSIONS APPLY TO EACH BOILER, UNLESS OTHERWISE NOTED.

Emission Source/Control: UNIT7 - Combustion

Design Capacity: 72.8 million Btu per hour

Emission Source/Control: UNIT8 - Combustion

Design Capacity: 72.8 million Btu per hour

Item 48.8:

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

Emission Unit: 1-SALTP

Process: SP1

Source Classification Code: 3-05-021-01

Process Description:

SP1 CONSISTS OF THE PRODUCTION OF GRANULATED AND PURIFIED SALT. EMISSION POINTS INCLUDE: EP0001A-PURIFIED SYSTEM DEDUSTER. EP00004-A-TRAIN ROTOCLONE. EP00005-HEIL SEPARATOR/DEMISTER FOR DEWATERING AND DRYING SALT. EP00015-B-TRAIN ROTOCLONE.



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Emission Source/Control: CYCIA - Control
Control Type: CENTRIFUGAL

Emission Source/Control: DEMS5 - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: ROT15 - Control
Control Type: WET CYCLONIC SEPARATOR

Emission Source/Control: ROTO4 - Control
Control Type: WET CYCLONIC SEPARATOR

Emission Source/Control: VENIA - Control
Control Type: WET SCRUBBER

Emission Source/Control: COOLR - Process

Emission Source/Control: DRYER - Process
Design Capacity: 6 million Btu per hour

Emission Source/Control: SCALE - Process

Emission Source/Control: SCALP - Process

Item 48.9:

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

Emission Unit: 1-SALTP

Process: SP2

Source Classification Code: 3-05-021-01

Process Description:

PROCESS SP2 CONSISTS OF STORAGE AND PACKAGING OF THE SALT PRODUCTS. EMISSION POINTS INCLUDE: EP00002-ROTOCLONE FOR BUILDING 18 STORAGE SILOS, SCALPING SCREEN, SCALES, AND LOAD OUT. EP00006-ROTOCLONE FOR BUILDING 5 BAGGING OPERATIONS. EP00012-ROTOCLONE FOR BUILDING 11B STORAGE SILOS, SCALPING SCREEN, AND BAGGING MACHINES. EP00014-LARGE FABRIC FILTER FOR PACKAGING 26 OZ AND 5 LB LINES.

Emission Source/Control: FF014 - Control
Control Type: FABRIC FILTER

Emission Source/Control: ROT12 - Control
Control Type: WET CYCLONIC SEPARATOR



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Facility DEC ID: 8443200001

Emission Source/Control: ROTO2 - Control
Control Type: WET CYCLONIC SEPARATOR

Emission Source/Control: ROTO6 - Control
Control Type: WET CYCLONIC SEPARATOR

Emission Source/Control: PBAGS - Process

Emission Source/Control: PBINS - Process

Emission Source/Control: SCALE - Process

Emission Source/Control: SCALP - Process

Emission Source/Control: SILOS - Process

Condition 49: Process Permissible Emissions
Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 201-7

Item 49.1:

The sum of emissions from the regulated process cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: 1-BOILS Process: U1G

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 0.18 pounds per million Btus
162,410 pounds per year

Emission Unit: 1-BOILS Process: U7G

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 85,030 pounds per year

Emission Unit: 1-BOILS Process: U7O

CAS No: 0NY210-00-0
Name: OXIDES OF NITROGEN
PTE(s): 85,000 pounds per year

Condition 50: Capping Monitoring Condition
Effective between the dates of 10/11/2006 and 10/10/2011

New York State Department of Environmental Conservation

Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001



Applicable Federal Requirement: 6NYCRR 201-7

Item 50.1:

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

40CFR 52-A.21

Item 50.2:

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

Item 50.3:

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 50.4:

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 50.5:

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 50.6:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 50.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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



New York State Department of Environmental Conservation

Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001

Monitoring Description:

This combined carbon monoxide cap applies to total annual emissions from all of the combustion units in emission unit 1-BOILS.

This cap, under 6 NYCRR Part 231-2 and 40 CFR 52.21, applies to the new emissions limits that are set with the addition of a fluidized bed combustion unit. The new limit sets the net potential emissions increase for the new and existing boilers combined below the significant increase thresholds as defined in 40 CFR 52.21(b)(23). This consists of taking the average actual emissions for the past two years (2004-2005) and adding the allowable potential increase to obtain a total allowable cap for all of the boilers in the emission unit.

This condition, in combination with the oxides of nitrogen and sulfur dioxide capping conditions, effectively caps the total boiler emissions below the significant increase thresholds referenced above.

The total annual carbon monoxide (CO) emissions are calculated based on entering total fuel use into the following equation. The emission factors are from USEPA AP-42 as of the date of issue of this permit. These emission factors will continue to be used unless they are modified in a permit modification, or by mutual agreement between the applicant and the Department.

$$136.6 \text{ tpy} = [(18 \text{ lb CO/ ton coal} \times z \text{ ton coal (fluidized bed)/yr}) + (0.17 \text{ lb CO/106 Btu} \times v \text{ Btu/lb wood} \times w \text{ lb wood (fluidized bed)/yr}) + (84 \text{ lb CO/106 scf gas} \times u \text{ scf gas (boilers \#1, \#7, \#8 \& \#9)/yr}) + (5 \text{ lb CO/103 gal oil} \times t \text{ gal oil (boilers \#7 \& \#8)/yr})] \times \text{tons CO /2000 lb}$$

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 135 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 51: Capping Monitoring Condition
Effective between the dates of 10/11/2006 and 10/10/2011

New York State Department of Environmental Conservation

Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001



Applicable Federal Requirement: 6NYCRR 201-7

Item 51.1:

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 231-2.12
40CFR 52-A.21

Item 51.2:

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

Item 51.3:

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 51.4:

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 51.5:

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 51.6:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 51.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

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This combined sulfur dioxide cap applies to total annual emissions from all of the combustion units in emission unit 1-BOILS.

This cap, under 6 NYCRR Part 231-2 and 40 CFR 52.21, applies to the new emissions limits that are set with the addition of a fluidized bed combustion unit. The new limit sets the net potential emissions increase for the new and existing boilers combined below the significant increase thresholds as defined in 40 CFR 52.21(b)(23). This consists of taking the average actual emissions for the past two years (2004-2005) and adding the allowable potential increase to obtain a total allowable cap for all of the boilers in the emission unit.

This condition, in combination with the oxides of nitrogen and carbon monoxide capping conditions, effectively caps the total boiler emissions below the significant increase thresholds referenced above.

The total annual sulfur dioxide (SO₂) emissions are calculated based on entering total fuel use into the following equation. The emission factors are from USEPA AP-42 as of the date of issue of this permit. These emission factors will continue to be used unless they are modified in a permit modification, or by mutual agreement between the applicant and the Department.

$$36.33 \text{ tpy} = [(39.6 \times S \times (\text{Ca/S})^{\text{exp}-1.9} \text{ lb SO}_2 / \text{ton coal} \times z \text{ ton coal (fluidized bed)/yr} + (0.025 \text{ lb SO}_2 / 106 \text{ Btu} \times v \text{ Btu/lb wood} \times w \text{ lb wood (fluidized bed)/yr} + (0.6 \text{ lb SO}_2 / 106 \text{ scf gas} \times u \text{ scf gas (boilers \#1, \#7, \#8 \& \#9)/yr} + (142 \times S \text{ lb SO}_2 / 103 \text{ gal oil} \times t \text{ gal oil (boilers \#7 \& \#8)/yr})] \times \text{tons SO}_2 / 2000 \text{ lb}$$

where:

S = weight percent sulfur in fuel

Ca/S = molar calcium-to-sulfur ratio in fluidized bed

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 36.3 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.



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Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001

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

Condition 52: Capping Monitoring Condition
Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 201-7

Item 52.1:

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 231-2.6
40CFR 52-A.21

Item 52.2:

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

Item 52.3:

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 52.4:

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 52.5:

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 52.6:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

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

Item 52.7:

Compliance Certification shall include the following monitoring:

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Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001



Capping: Yes

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

Monitoring Description:

This combined oxides of nitrogen cap applies to total annual emissions from all of the combustion units in emission unit 1-BOILS.

The first part of the cap, under 6 NYCRR Part 231-2.6, applies to the oxides of nitrogen emission reduction credits generated in 1996 by capping the total allowed emissions of the existing boilers. The limits set were: 42.5 tons per year each for emission sources UNIT7 and UNIT8, and 81.2 tons per year for emission source UNIT1 for a total of 166.2 tons per year of allowable NOx emissions.

The second part, under 6 NYCRR Part 231-2 and 40 CFR 52.21, applies to the new emissions limits that are set with the addition of a fluidized bed combustion unit. The new limit sets the net potential emissions increase for the new and existing boilers combined below the significant increase thresholds as defined in 40 CFR 52.21(b)(23). This consists of taking the average actual emissions for the past two years (2004-2005) and adding the allowable potential increase to obtain a total allowable cap for all of the boilers in the emission unit.

This condition, in combination with the carbon monoxide and sulfur dioxide capping conditions, effectively caps the total boiler emissions below the significant increase thresholds referenced above.

The total annual oxides of nitrogen (NOx) emissions are calculated based on entering total fuel use into the following equation. The emission factors are from USEPA AP-42 as of the date of issue of this permit, except the emission factor for boiler #1 was determined by source testing in 1997. These emission factors will continue to be used unless they are modified in a permit modification, or by mutual agreement between the applicant and the Department.

$128.6 \text{ tpy} = \text{or} > [(5 \text{ lb NOx/ ton coal} \times z \text{ ton coal (fluidized bed)/yr} + (0.49 \text{ lb NOx/106 Btu} \times v \text{ Btu/lb wood} \times w \text{ lb}$



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wood (fluidized bed)/yr) + (189 lb NOx/106 scf gas x u
scf gas (boiler #1)/yr) + (100 lb NOx/106 scf gas x u scf
gas (fluidized bed, boilers #7 & #8)/yr) + (20 lb NOx/103
gal oil x t gal oil (boilers #7 & #8)/yr)] x tons NOx
/2000 lb

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 129.2 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 53: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 225-1.2(d)

Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Regulated Contaminant(s):

CAS No: 007704-34-9 SULFUR

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

The sulfur content of the coal burned at the facility
shall not exceed 1.7 pounds of sulfur per million BTU
gross heat content as an average over a 12 month period.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: BITUMINOUS COAL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.7 pounds per million Btus

Monitoring Frequency: PER DELIVERY

Averaging Method: CALENDAR YEAR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.



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

Condition 54: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 225-1.2(d)

Item 54.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Regulated Contaminant(s):

CAS No: 007704-34-9 SULFUR

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

The sulfur content of the coal burned at the facility
shall have an average sulfur content of not more than 1.9
pounds of sulfur per million BTU gross heat content.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: BITUMINOUS COAL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 1.9 pounds per million Btus

Monitoring Frequency: PER DELIVERY

Averaging Method: 3-MONTH AVERAGE ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 55: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 225-1.2(d)

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Regulated Contaminant(s):



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Facility DEC ID: 8443200001

CAS No: 007704-34-9 SULFUR

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The maximum amount of sulfur in coal burned at the facility shall not exceed 2.5 pounds of sulfur per million BTU gross heat content.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: BITUMINOUS COAL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 2.5 pounds per million Btus

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 1/30/2007.

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

Condition 56: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 56.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Item 56.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one-six-minute period per hour of not more than 27 percent opacity.

The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any

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time during facility operation.

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

The permittee shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the standard continue, the permittee will conduct a Method 9 assessment within the next three operating days of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

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

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: 40 CFR 60 Appendix A Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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 1/30/2007.

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

Condition 57: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 231-2.6



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Item 57.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Item 57.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This condition is historical documentation of capping conditions created when emission reduction credits for oxides of nitrogen were created in 1997. The original rule citation was 6 NYCRR Part 231-2.12. The limits in the original cap have been replaced by a new cap documented under 6 NYCRR Part 201-7.

The original condition is as follows:

Oxides of nitrogen emissions are limited to 81.2 tons per year for Unit1 and 42.5 tons per year each for Unit7 and Unit8. A log shall be maintained on site which includes the monthly fuel use, monthly oxides of nitrogen emissions and monthly rolling twelve month average oxides of nitrogen emissions for each boiler. Oxides of nitrogen emissions shall be based on emission factors as follows: U1G=0.18 lb/MMBtu, U7G=140 lb/MMcf, and U7O=20 lb/1000gal.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 58: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 231-2.6

Item 58.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Regulated Contaminant(s):

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Facility DEC ID: 8443200001



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

Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition is historical documentation of capping conditions created when emission reduction credits were created in 1997. The original rule citation was 6 NYCRR Part 231-2.12. Where new emission standards or limits have been included in this permit and subsequent permits, the newer standard or limits shall apply unless the newer standards or limits result in violation of the original cap.

The original condition is as follows:

The oxides of nitrogen emissions limit for Unit1 is 0.18 lb/MMBtu based on the permit conditions associated with emission reduction credit certification issued on 10/30/97. A stack test performed in May, 1997 demonstrated compliance with this limit. Annual boiler inspections and resulting tune-ups shall be used to maintain proper operation of the boiler. Any abnormal operation of the boiler shall prompt corrective action, which shall be logged in a boiler maintenance log. If requested by the Department, compliance shall be determined by a stack test.

Upper Permit Limit: 0.18 pounds per million Btus

Reference Test Method: PT60 APP A METH 7E

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 59: EPA Region 2 address.

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A

Item 59.1:

This Condition applies to Emission Unit: 1-BOILS

Item 59.2:



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

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

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

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

**Condition 60: Date of Construction Notification - if a COM is used.
Effective between the dates of 10/11/2006 and 10/10/2011**

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

Item 60.1:

This Condition applies to Emission Unit: 1-BOILS

Item 60.2:

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

- 1) a notification of the date construction or reconstruction commenced, postmarked no later than 30 days after such date;
- 3) a notification of the actual date of initial start up, postmarked within 15 days after such date;
- 4) a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under 40 CFR 60. The 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 capability of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional information regarding the change;
- 5) a notification of the date upon which the demonstration of continuous monitoring system performance commences, postmarked not less than 30 days prior to such date;



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6) a notification of the anticipated date for conducting the opacity observations, postmarked not less than 30 days prior to such date; and

7) a notification that continuous opacity monitoring system data results will be used to determine compliance with the applicable opacity standard during the performance test, postmarked not less than 30 days prior to the performance test.

Condition 61: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 61.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 61.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The provisions of 40 CFR 60.45b(a), (b), (f), (g) and (h) apply to the operation of the fluidized bed boiler (UNIT9) to demonstrate compliance with applicable sulfur dioxide emission limits.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 62: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 62.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE



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Item 62.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Compliance with sulfur dioxide emission limits for the fluidized bed boiler (emission source UNIT9) will be determined in part by using the applicable procedures of 40 CFR 60.45b(c).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 63: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 63.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The provisions of 40 CFR 60.47b(c), (d) and (e) apply to the operation of the fluidized bed boiler (emission source UNIT9) to demonstrate compliance with applicable sulfur dioxide emission limits.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 64: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 64.1:



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The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator shall install, calibrate, maintain, and operate continuous emission monitoring systems (CEMS) for measuring sulfur dioxide concentrations for the fluidized bed boiler (UNIT9) and either oxygen or carbon dioxide concentrations and shall record the output of the systems.

Manufacturer Name/Model Number: not specified

Upper Permit Limit: 1.2 pounds per million Btus

Reference Test Method: 40 CFR 60 Appendix A Method 6

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 1/30/2007.

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

Condition 65: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 65.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

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

Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES



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Monitoring Description:

The provisions of 40 CFR 60.48b(d), (e) and (f) apply to the operation of the fluidized bed boiler (emission source UNIT9) to demonstrate compliance with applicable particulate matter and oxides of nitrogen emission limits.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 66: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 66.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

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

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 66.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The reporting and recordkeeping provisions of 40 CFR 60.49b(a), (b), (d), (f), (g), (h), (i), (j), (k), (m), (n), (o), (v) and (w) apply to the operation of the fluidized bed boiler (emission source UNIT9).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 67: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 67.1:

The Compliance Certification activity will be performed for:

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Emission Unit: 1-BOILS

Process: BC1

Emission Source: UNIT9

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 67.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The fluidized bed boiler is subject to the sulfur dioxide emission limits of 40 CFR 60.42b(a). The limit will be 1.2 pounds of sulfur dioxide emissions per million Btu of heat input for coal. No heat input credit is provided for the combustion of wood or other fuels.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 68: Sulfur dioxide averaging period.
Effective between the dates of 10/11/2006 and 10/10/2011**

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

Item 68.1:

This Condition applies to Emission Unit: 1-BOILS

Process: BC1

Emission Source: UNIT9

Item 68.2:

Except as noted in subdivision (f) of this section sulfur dioxide emission limits, oil sulfur limits, and/or percent reductions shall be determined on a 30 day rolling average.

**Condition 69: Sulfur dioxide standard compliance.
Effective between the dates of 10/11/2006 and 10/10/2011**

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

Item 69.1:

This Condition applies to Emission Unit: 1-BOILS

Process: BC1

Emission Source: UNIT9

Item 69.2:

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



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Condition 70: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 40CFR 60.43b(a)(1), NSPS Subpart Db

Item 70.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Process: BC1

Emission Source: UNIT9

Item 70.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

On and after the date on which the initial performance test is completed or is required to be completed under §40 CFR 60.8 , whichever comes first, no owner or operator of an affected facility which combusts coal or combusts mixtures of coal with other fuels, shall cause to be discharged into the atmosphere from that affected facility any gases that contain particulate matter in excess of 0.051 pounds per million BTU heat input.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.051 pounds per million Btus

Reference Test Method: Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 71: Annual capacity factor.

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 71.1:

This Condition applies to Emission Unit: 1-BOILS

Process: BC1

Emission Source: UNIT9

Item 71.2:

The annual capacity factor = the actual unit heat input of the fuel (coal, wood, or other) / potential heat input of the fuel, operating at 8760 hours per year and at the maximum unit design heat input.

Condition 72: Compliance Certification



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Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 72.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Process: BC1

Emission Source: UNIT9

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 72.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 73: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Process: BC1

Emission Source: UNIT9

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

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Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
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: 27 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

**Condition 74: Particulate matter and opacity exemption.
Effective between the dates of 10/11/2006 and 10/10/2011**

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

Item 74.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC1 Emission Source: UNIT9

Item 74.2:

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

**Condition 75: Applicability of oxides of nitrogen standard.
Effective between the dates of 10/11/2006 and 10/10/2011**

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

Item 75.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC1 Emission Source: UNIT9

Item 75.2:

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

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Condition 76: Averaging period.
Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 76.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC1 Emission Source: UNIT9

Item 76.2:

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 77: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 77.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS
Process: BC1 Emission Source: UNIT9

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

Item 77.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emission limit for oxides of nitrogen for combustion of wood or coal or any mixture of fuels in the fluidized bed boiler is 0.20 pounds per million Btu heat input.

Upper Permit Limit: 0.2 pounds per million Btus

Reference Test Method: 40 CFR 60 Appendix A Method 7

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 30-DAY ROLLING AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 78: Compliance and performance methods for oxides of nitrogen and particulate matter.

Effective between the dates of 10/11/2006 and 10/10/2011



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Applicable Federal Requirement: 40CFR 60.46b, NSPS Subpart Db

Item 78.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC1 Emission Source: UNIT9

Item 78.2:

Compliance with both the oxides of nitrogen and particulate matter standards shall be determined using the methods specified in section 40 CFR 60-Db.46b.

Condition 79: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 79.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS
Process: BC1 Emission Source: UNIT9

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

Item 79.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator shall install, calibrate, maintain,
and operate a continuous monitoring system for measuring
the opacity of emissions discharged to the atmosphere and
record the output of the system.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: 40 CFR 60 Appendix A Method 9
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 80: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

New York State Department of Environmental Conservation

Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001



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

Item 80.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Process: BC1

Emission Source: UNIT9

Regulated Contaminant(s):

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

Item 80.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator shall install, calibrate, maintain, and operate a continuous monitoring system for measuring nitrogen oxides emissions discharged to the atmosphere and record the output of the system.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.2 pounds per million Btus

Reference Test Method: 40 CFR 60 Appendix A Method 7

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 1/30/2007.

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

Condition 81: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 81.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Process: BC1

Emission Source: UNIT9

Regulated Contaminant(s):

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

Item 81.2:



New York State Department of Environmental Conservation

Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001

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.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

**Condition 82: Standard for oxides of nitrogen.
Effective between the dates of 10/11/2006 and 10/10/2011**

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

Item 82.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC2

Item 82.2:

$$E_n = [EL_{go} * H_{go} + (EL_{ro} * H_{ro}) + (EL_c * H_c)] / (H_{go} + H_{ro} + H_c).$$

The units for all of the following factors are in lb/mmBtu and provided under 40 CFR 60.44b(a).

Where: E_n = Oxides of nitrogen emissions standard.

EL_{go} = Emission limit for natural gas and/or distillate oil firing.

EL_{ro} = Emission limit for residual oil firing.

EL_c = Emission limit for coal firing.

H_{go} = Heat input from natural gas and/or distillate oil.

H_{ro} = Heat input from residual oil.

H_c = Heat input from coal.

**Condition 83: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011**

New York State Department of Environmental Conservation

Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001



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

Item 83.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Process: BC2

Emission Source: UNIT9

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 83.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The fluidized bed boiler is subject to the sulfur dioxide emission limits of 40 CFR 60 .42b(a). The limit will be 1.2 pounds of sulfur dioxide emissions per million Btu of heat input for coal. No heat input credit is provided for the combustion of wood or other fuels.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 84: Sulfur dioxide averaging period.

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 84.1:

This Condition applies to Emission Unit: 1-BOILS

Process: BC2

Emission Source: UNIT9

Item 84.2:

Except as noted in subdivision (f) of this section sulfur dioxide emission limits, oil sulfur limits, and/or percent reductions shall be determined on a 30 day rolling average.

Condition 85: Sulfur dioxide standard compliance.

Effective between the dates of 10/11/2006 and 10/10/2011

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

New York State Department of Environmental Conservation

Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001



Item 85.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC2 Emission Source: UNIT9

Item 85.2:

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

**Condition 86: Particulate matter standard.
Effective between the dates of 10/11/2006 and 10/10/2011**

Applicable Federal Requirement: 40CFR 60.43b(a)(2), NSPS Subpart Db

Item 86.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC2 Emission Source: UNIT9

Item 86.2:

Particulate matter emissions while firing coal and having a capacity of 10 percent of greater for other fuels shall not exceed 0.10 lb/mmBtu.

**Condition 87: Particulate matter standard.
Effective between the dates of 10/11/2006 and 10/10/2011**

Applicable Federal Requirement: 40CFR 60.43b(c)(1), NSPS Subpart Db

Item 87.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC2 Emission Source: UNIT9

Item 87.2:

Particulate matter emissions while firing a minimum of 30 percent wood (or greater) with other fuels (except coal) shall not exceed 0.10 lb/mmBtu.

**Condition 88: Annual capacity factor.
Effective between the dates of 10/11/2006 and 10/10/2011**

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

Item 88.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC2 Emission Source: UNIT9

Item 88.2:

The annual capacity factor = the actual unit heat input of the fuel (coal, wood, or other) / potential heat input of the fuel, operating at 8760 hours per year and at the maximum unit design heat input.



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Condition 89: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 89.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Process: BC2

Emission Source: UNIT9

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 89.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 90: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 90.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Process: BC2

Emission Source: UNIT9

Regulated Contaminant(s):



New York State Department of Environmental Conservation

Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001

CAS No: 0NY075-00-0 PARTICULATES

Item 90.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
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: 27 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

**Condition 91: Particulate matter and opacity exemption.
Effective between the dates of 10/11/2006 and 10/10/2011**

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

Item 91.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC2 Emission Source: UNIT9

Item 91.2:

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

**Condition 92: Applicability of oxides of nitrogen standard.
Effective between the dates of 10/11/2006 and 10/10/2011**

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

Item 92.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC2 Emission Source: UNIT9

Item 92.2:

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



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shutdown, and malfunction.

Condition 93: Averaging period.
Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 93.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC2 Emission Source: UNIT9

Item 93.2:

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 94: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 94.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS
Process: BC2 Emission Source: UNIT9

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

Item 94.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
The emission limit for oxides of nitrogen for combustion of wood or coal or any mixture of fuels in the fluidized bed boiler is 0.20 pounds per million Btu heat input.

Upper Permit Limit: 0.2 pounds per million Btus
Reference Test Method: 40 CFR 60 Appendix A Method 7
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 30-DAY ROLLING AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 95: Compliance and performance methods for oxides of nitrogen and particulate matter.
Effective between the dates of 10/11/2006 and 10/10/2011

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Facility DEC ID: 8443200001



Applicable Federal Requirement: 40CFR 60.46b, NSPS Subpart Db

Item 95.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC2 Emission Source: UNIT9

Item 95.2:

Compliance with both the oxides of nitrogen and particulate matter standards shall be determined using the methods specified in section 40 CFR 60-Db.46b.

Condition 96: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 96.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS
Process: BC2 Emission Source: UNIT9

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

Item 96.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator shall install, calibrate, maintain,
and operate a continuous monitoring system for measuring
the opacity of emissions discharged to the atmosphere and
record the output of the system.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: 40 CFR 60 Appendix A Method 9
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 97: Compliance Certification



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Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 97.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Process: BC2 Emission Source: UNIT9

Regulated Contaminant(s):

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

Item 97.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator shall install, calibrate, maintain, and operate a continuous monitoring system for measuring nitrogen oxides emissions discharged to the atmosphere and record the output of the system.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.2 pounds per million Btus

Reference Test Method: 40 CFR 60 Appendix A Method 7

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 1/30/2007.

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

Condition 98: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 98.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Process: BC2 Emission Source: UNIT9

Regulated Contaminant(s):

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



New York State Department of Environmental Conservation

Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001

Item 98.2:

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.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

**Condition 99: Sulfur dioxide averaging period.
Effective between the dates of 10/11/2006 and 10/10/2011**

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

Item 99.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC3 Emission Source: UNIT9

Item 99.2:

Except as noted in subdivision (f) of this section sulfur dioxide emission limits, oil sulfur limits, and/or percent reductions shall be determined on a 30 day rolling average.

**Condition 100: Sulfur dioxide standard compliance.
Effective between the dates of 10/11/2006 and 10/10/2011**

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

Item 100.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC3 Emission Source: UNIT9

Item 100.2:

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

**Condition 101: Annual capacity factor.
Effective between the dates of 10/11/2006 and 10/10/2011**

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



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Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001

Item 101.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC3 Emission Source: UNIT9

Item 101.2:

The annual capacity factor = the actual unit heat input of the fuel (coal, wood, or other) / potential heat input of the fuel, operating at 8760 hours per year and at the maximum unit design heat input.

Condition 102: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 102.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS
Process: BC3 Emission Source: UNIT9

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

Item 102.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
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
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 103: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

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



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Facility DEC ID: 8443200001

Item 103.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Process: BC3

Emission Source: UNIT9

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 103.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
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: 27 percent

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 104: Particulate matter and opacity exemption.

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 104.1:

This Condition applies to Emission Unit: 1-BOILS

Process: BC3

Emission Source: UNIT9

Item 104.2:

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

Condition 105: Applicability of oxides of nitrogen standard.

Effective between the dates of 10/11/2006 and 10/10/2011



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Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001

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

Item 105.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC3 Emission Source: UNIT9

Item 105.2:

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

Condition 106: Averaging period.

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 106.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC3 Emission Source: UNIT9

Item 106.2:

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 107: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 107.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS
Process: BC3 Emission Source: UNIT9

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

Item 107.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emission limit for oxides of nitrogen for combustion of wood or coal or any mixture of fuels in the fluidized bed boiler is 0.20 pounds per million Btu heat input.

Upper Permit Limit: 0.2 pounds per million Btus



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Reference Test Method: 40 CFR 60 Appendix A Method 7
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 30-DAY ROLLING AVERAGE
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 108: Compliance and performance methods for oxides of nitrogen and particulate matter.
Effective between the dates of 10/11/2006 and 10/10/2011**

Applicable Federal Requirement: 40CFR 60.46b, NSPS Subpart Db

Item 108.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC3 Emission Source: UNIT9

Item 108.2:

Compliance with both the oxides of nitrogen and particulate matter standards shall be determined using the methods specified in section 40 CFR 60-Db.46b.

**Condition 109: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011**

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

Item 109.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS
Process: BC3 Emission Source: UNIT9

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

Item 109.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator shall install, calibrate, maintain, and operate a continuous monitoring system for measuring the opacity of emissions discharged to the atmosphere and record the output of the system.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: 40 CFR 60 Appendix A Method 9



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Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 110: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 110.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS
Process: BC3 Emission Source: UNIT9

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

Item 110.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator shall install, calibrate, maintain,
and operate a continuous monitoring system for measuring
nitrogen oxides emissions discharged to the atmosphere and
record the output of the system.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.2 pounds per million Btus
Reference Test Method: 40 CFR 60 Appendix A Method 7
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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 111: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 111.1:



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Facility DEC ID: 8443200001

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Process: BC3

Emission Source: UNIT9

Regulated Contaminant(s):

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

Item 111.2:

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.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 112: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 112.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Process: BC4

Emission Source: UNIT9

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 112.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL 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



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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
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 12 calendar month(s).

Condition 113: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 113.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS
Process: BC4 Emission Source: UNIT9

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

Item 113.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
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: 27 percent
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 114: Particulate matter and opacity exemption.
Effective between the dates of 10/11/2006 and 10/10/2011

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Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001



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

Item 114.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC4 Emission Source: UNIT9

Item 114.2:

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

Condition 115: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 115.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS
Process: BC4 Emission Source: UNIT9

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

Item 115.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:
Oxides of nitrogen standard for
industrial/commercial/institutional stream generating
units.

Manufacturer Name/Model Number: unidentified
Upper Permit Limit: 0.1 pounds per million Btus
Reference Test Method: 40 CFR 60 Appendix A Method 7
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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 116: Applicability of oxides of nitrogen standard.

Effective between the dates of 10/11/2006 and 10/10/2011



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Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001

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

Item 116.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC4 Emission Source: UNIT9

Item 116.2:

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

Condition 117: Averaging period.

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 117.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC4 Emission Source: UNIT9

Item 117.2:

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 118: Compliance and performance methods for oxides of nitrogen and particulate matter.

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 40CFR 60.46b, NSPS Subpart Db

Item 118.1:

This Condition applies to Emission Unit: 1-BOILS
Process: BC4 Emission Source: UNIT9

Item 118.2:

Compliance with both the oxides of nitrogen and particulate matter standards shall be determined using the methods specified in section 40 CFR 60-Db.46b.

Condition 119: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 119.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS
Process: BC4 Emission Source: UNIT9



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Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 119.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The owner or operator shall install, calibrate, maintain,
and operate a continuous monitoring system for measuring
the opacity of emissions discharged to the atmosphere and
record the output of the system.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: 40 CFR 60 Appendix A Method 9

Monitoring Frequency: CONTINUOUS

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 120: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 120.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Process: BC4

Emission Source: UNIT9

Regulated Contaminant(s):

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

Item 120.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator shall install, calibrate, maintain,
and operate a continuous monitoring system for measuring
nitrogen oxides emissions discharged to the atmosphere and

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record the output of the system.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.2 pounds per million Btus
Reference Test Method: 40 CFR 60 Appendix A Method 7
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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 121: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

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

Item 121.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS
Process: BC4 Emission Source: UNIT9

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

Item 121.2:

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.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 122: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 227-2.4(b)(1)

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Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001



Item 122.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Process: U1G

Emission Source: UNIT1

Regulated Contaminant(s):

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

Item 122.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOx emission limits for large boilers, where compliance with the specific emission limit is verified through stack testing.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.2 pounds per million Btus

Reference Test Method: 40CFR60 METHOD 7E

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 123: This is the optional condition for gas or distillate fired midsized boilers. If they opt not to use this method then 227-2.4(c)(2) applies.

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 227-2.4(c)(1)(i)

Item 123.1:

This Condition applies to Emission Unit: 1-BOILS

Process: U7G

Item 123.2:

Boilers firing natural gas and/or distillate oil shall utilize low NOx Burners.

Condition 124: This is the optional condition for gas or distillate fired midsized boilers. If they opt not to use this method then 227-2.4(c)(2) applies.

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 227-2.4(c)(1)(i)



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Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001

Item 124.1:

This Condition applies to Emission Unit: 1-BOILS
Process: U7O

Item 124.2:

Boilers firing natural gas and/or distillate oil shall utilize low NOx Burners.

Condition 125: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 212.6(a)

Item 125.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SALTP

Item 125.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. Compliance with this requirement shall be determined by the facility owner/operator conducting a daily survey of visible emissions when the process is in operation. If any visible emissions are identified, corrective action is required. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 126: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 126.1:

The Compliance Certification activity will be performed for:

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Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001



Emission Unit: 1-SALTP Emission Point: 00002

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 126.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The Rotoclone inlet water pressure shall be maintained in the normal range of 40 to 100 psig. Pressure readings must be recorded daily on a log kept on site. The outlet water shall be sampled monthly to maintain a normal range of less than 40% salinity. Any excursions shall be recorded and any necessary corrective action taken and logged. Compliance shall be verified by stack test if requested by the Department.

Parameter Monitored: PRESSURE

Lower Permit Limit: 40 pounds per square inch gauge

Upper Permit Limit: 100 pounds per square inch gauge

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED
RANGE AT ANY TIME

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 127: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 127.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SALTP Emission Point: 00002

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 127.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL



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Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001

DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

The Rotoclone outlet water shall be sampled monthly to maintain a normal range of less than 40% salinity. Any excursions shall be recorded and any necessary corrective action taken and logged. Compliance shall be verified by stack test if requested by the Department.

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 40 percent

Monitoring Frequency: MONTHLY

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 1/30/2007.

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

Condition 128: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 128.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SALTP Emission Point: 00004

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 128.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The Rotoclone outlet water shall be sampled monthly to maintain a normal range of less than 40% salinity. Any excursions shall be recorded and any necessary corrective action taken and logged. Compliance shall be verified by stack test if requested by the Department.

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 40 percent

Monitoring Frequency: MONTHLY

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -



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Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001

SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

Condition 129: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 129.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SALTP Emission Point: 00004

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 129.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The Rotoclone inlet water pressure shall be maintained in the normal range of 40 to 100 psig. Pressure readings must be recorded daily on a log kept on site. The outlet water shall be sampled monthly to maintain a normal range of less than 40% salinity. Any excursions shall be recorded and any necessary corrective action taken and logged. Compliance shall be verified by stack test if requested by the Department.

Parameter Monitored: PRESSURE

Lower Permit Limit: 40 pounds per square inch gauge

Upper Permit Limit: 100 pounds per square inch gauge

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED
RANGE AT ANY TIME

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 130: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 212.4(c)

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Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001



Item 130.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SALTP Emission Point: 00005

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 130.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The demister pads shall be inspected daily, with any adjustments or replacements being logged in a maintenance log on site. The outlet water shall be sampled monthly to maintain a normal range of less than 40% salinity. Any excursions shall be recorded and any necessary corrective action taken and logged. Compliance shall be verified by stack test if requested by the Department.

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 40 percent

Monitoring Frequency: MONTHLY

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 1/30/2007.

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

Condition 131: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 131.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SALTP Emission Point: 00006

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 131.2:



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Facility DEC ID: 8443200001

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The Rotoclone inlet water pressure shall be maintained in the normal range of 40 to 100 psig. Pressure readings must be recorded daily on a log kept on site. The outlet water shall be sampled monthly to maintain a normal range of less than 40% salinity. Any excursions shall be recorded and any necessary corrective action taken and logged. Compliance shall be verified by stack test if requested by the Department.

Parameter Monitored: PRESSURE

Lower Permit Limit: 40 pounds per square inch gauge

Upper Permit Limit: 100 pounds per square inch gauge

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED
RANGE AT ANY TIME

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 132: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 132.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SALTP Emission Point: 00006

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 132.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The Rotoclone outlet water shall be sampled monthly to maintain a normal range of less than 40% salinity. Any excursions shall be recorded and any necessary corrective action taken and logged. Compliance shall be verified by stack test if requested by the Department.



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Parameter Monitored: CONCENTRATION
Upper Permit Limit: 40 percent
Monitoring Frequency: MONTHLY
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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 133: Compliance Certification
Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 133.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SALTP Emission Point: 00012

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

Item 133.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The Rotoclone outlet water shall be sampled monthly to maintain a normal range of less than 40% salinity. Any excursions shall be recorded and any necessary corrective action taken and logged. Compliance shall be verified by stack test if requested by the Department.

Parameter Monitored: CONCENTRATION
Upper Permit Limit: 40 percent
Monitoring Frequency: MONTHLY
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 1/30/2007.
Subsequent reports are due every 6 calendar month(s).

Condition 134: Compliance Certification



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Facility DEC ID: 8443200001

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 134.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SALTP Emission Point: 00012

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 134.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The Rotoclone inlet water pressure shall be maintained in the normal range of 40 to 100 psig. Pressure readings must be recorded daily on a log kept on site. The outlet water shall be sampled monthly to maintain a normal range of less than 40% salinity. Any excursions shall be recorded and any necessary corrective action taken and logged. Compliance shall be verified by stack test if requested by the Department.

Parameter Monitored: PRESSURE

Lower Permit Limit: 40 pounds per square inch gauge

Upper Permit Limit: 100 pounds per square inch gauge

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED
RANGE AT ANY TIME

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 135: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 135.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SALTP Emission Point: 00014

Regulated Contaminant(s):



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Item 135.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The fabric filter pressure drop shall be maintained in the normal range of one to six inches of water. Pressure readings must be recorded daily on a log kept on site. Any excursions shall be recorded and any necessary corrective action taken and logged. Compliance shall be determined by a stack test if requested by the Department.

Parameter Monitored: PRESSURE CHANGE

Lower Permit Limit: 1 inches of water

Upper Permit Limit: 6 inches of water

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED
RANGE AT ANY TIME

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 136: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 136.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SALTP Emission Point: 00015

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 136.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The Rotoclone outlet water shall be sampled monthly to maintain a normal range of less than 40% salinity. Any excursions shall be recorded and any necessary corrective



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action taken and logged. Compliance shall be verified by stack test if requested by the Department.

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 40 percent

Monitoring Frequency: MONTHLY

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 1/30/2007.

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

Condition 137: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 137.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SALTP Emission Point: 00015

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 137.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The Rotoclone inlet water pressure shall be maintained in the normal range of 40 to 100 psig. Pressure readings must be recorded daily on a log kept on site. The outlet water shall be sampled monthly to maintain a normal range of less than 40% salinity. Any excursions shall be recorded and any necessary corrective action taken and logged. Compliance shall be verified by stack test if requested by the Department.

Parameter Monitored: PRESSURE

Lower Permit Limit: 40 pounds per square inch gauge

Upper Permit Limit: 100 pounds per square inch gauge

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED



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RANGE AT ANY TIME

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 138: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 138.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SALTP Emission Point: 0001A

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 138.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The venturi outlet water shall be sampled monthly to maintain a normal range of less than 40% salinity. Any excursions shall be recorded and any necessary corrective action taken and logged. Compliance shall be verified by stack test if requested by the Department.

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 40 percent

Monitoring Frequency: MONTHLY

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 1/30/2007.

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

Condition 139: Compliance Certification

Effective between the dates of 10/11/2006 and 10/10/2011

Applicable Federal Requirement: 6NYCRR 212.4(c)

Item 139.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SALTP Emission Point: 0001A

New York State Department of Environmental Conservation

Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001



Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 139.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The venturi inlet water pressure shall be maintained in the normal range of 40 to 100 psig. Pressure readings must be recorded daily on a log kept on site. The outlet water shall be sampled monthly to maintain a normal range of less than 40% salinity. Any excursions shall be recorded and any necessary corrective action taken and logged. Compliance shall be verified by stack test if requested by the Department.

Parameter Monitored: PRESSURE

Lower Permit Limit: 40 pounds per square inch gauge

Upper Permit Limit: 100 pounds per square inch gauge

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED
RANGE AT ANY TIME

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: 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 140: Contaminant List
Effective between the dates of 10/11/2006 and 10/10/2011

Applicable State Requirement: ECL 19-0301

Item 140.1:

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

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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: 007704-34-9

Name: SULFUR

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

Condition 141: Unavoidable noncompliance and violations
Effective between the dates of 10/11/2006 and 10/10/2011

Applicable State Requirement: 6NYCRR 201-1.4

Item 141.1:

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



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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 142: Air pollution prohibited
Effective between the dates of 10/11/2006 and 10/10/2011

Applicable State Requirement: 6NYCRR 211.2

Item 142.1:

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.