



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 8-4432-00001/00031
Effective Date: 04/01/2016 Expiration Date: 03/31/2021

Permit Issued To: U S SALT LLC
2 BRUSH CREEK BLVD
KANSAS CITY, MO 64112

Facility: U S SALT - WATKINS GLEN REFINERY
3580 SALT POINT 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:

Second renewal of the Title V Facility Permit for the Watkins Glen Refinery, which produces and packages salt from nearby brine production operations. The Watkins Glen Refinery emits air contaminants from salt dewatering, drying, processing, and packaging operations, from three natural gas and oil fired process boilers, and from a newer 240 million BTU per hour fluidized bed boiler, which can be fired by any combination of coal, wood, or natural gas. The Title V Facility Permit was originally issued November 2, 2000 and was renewed effective October 11, 2006. The three gas and oil fired boilers now comply with 6NYCRR Part 227-2 NO_x RACT limits adopted in 2010. The fluidized bed biomass boiler was given an interim NO_x RACT limit based on limited operation and testing to date.

The Watkins Glen 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 NO_x, SO₂, CO, PM, and PM-10, of over 100 tons per year each.

This permit continues the limit on total fuel use by the four boilers established with the addition of the newest boiler authorized by the 2006 Permit renewal, to restrict potential NO_x, SO₂, CO, and PM-10 emissions to below Part 231-2 NSR and 40 CFR 52.21 PSD increase thresholds of 100 tons per year for CO, 40 tons per year for NO_x and SO₂, and 15 tons per year of PM-10. These limits restrict total facility boiler emissions to 128.6 tons of NO_x, 136.6 tons of CO, and 36.3 tons of SO₂ per year.



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: KIMBERLY A MERCHANT
 6274 EAST AVON-LIMA RD
 AVON, NY 14414-9519

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

- Submission of application 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, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.3:

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

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

Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:



The Department reserves the right to exercise all available authority 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 application for permit modification or renewal-REGION 8 HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (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
(585) 226-2466

New York State Department of Environmental Conservation

Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

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2 BRUSH CREEK BLVD
KANSAS CITY, MO 64112

Facility: U S SALT - WATKINS GLEN REFINERY
3580 SALT POINT RD
WATKINS GLEN, NY 14891

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

Permit Effective Date: 04/01/2016

Permit Expiration Date: 03/31/2021



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.4 (a) (7): Fees
- 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
- 4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
- 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.4 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 16 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 17 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
- 18 6 NYCRR 202-1.1: Required Emissions Tests
- 19 40 CFR Part 68: Accidental release provisions.
- 20 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 21 6 NYCRR Subpart 201-6: Emission Unit Definition
- 22 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 23 6 NYCRR 211.1: Air pollution prohibited
- 24 6 NYCRR 225-1.2 (c): Compliance Certification
- 25 6 NYCRR 225-1.2 (g): Compliance Certification
- 26 6 NYCRR 225-1.6: 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.
- 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
- 47 40CFR 63, Subpart JJJJJ: Applicability
- 48 40CFR 63, Subpart ZZZZ: Applicability

Emission Unit Level

- 49 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 50 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 51 6 NYCRR Subpart 201-7: Process Permissible Emissions

EU=1-BOILS

- *52 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *53 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *54 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 55 6 NYCRR 227-1.3 (a): Compliance Certification
- 56 6 NYCRR 227-2.6 (a): Compliance Certification
- 57 6 NYCRR 231-2.6: Compliance Certification
- 58 6 NYCRR 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 60.48b, NSPS Subpart Db: Compliance Certification
- 65 40CFR 60.49b, NSPS Subpart Db: Compliance Certification

EU=1-BOILS,Proc=BC1

- 66 40CFR 60.47b(a), NSPS Subpart Db: Sulfur dioxide monitoring.

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
- 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.
- 83 40CFR 60.47b(a), NSPS Subpart Db: Sulfur dioxide monitoring.

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

- 84 40CFR 60.42b(a), NSPS Subpart Db: Compliance Certification
- 85 40CFR 60.42b(e), NSPS Subpart Db: Sulfur dioxide averaging period.
- 86 40CFR 60.42b(g), NSPS Subpart Db: Sulfur dioxide standard compliance.
- 87 40CFR 60.43b(a)(2), NSPS Subpart Db: Particulate matter standard.
- 88 40CFR 60.43b(c)(1), NSPS Subpart Db: Particulate matter standard.
- 89 40CFR 60.43b(e), NSPS Subpart Db: Annual capacity factor.
- 90 40CFR 60.43b(f), NSPS Subpart Db: Compliance Certification
- 91 40CFR 60.43b(f), NSPS Subpart Db: Compliance Certification
- 92 40CFR 60.43b(g), NSPS Subpart Db: Particulate matter and opacity exemption.
- 93 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of nitrogen standard.
- 94 40CFR 60.44b(i), NSPS Subpart Db: Averaging period.
- 95 40CFR 60.44b(l), NSPS Subpart Db: Compliance Certification
- 96 40CFR 60.46b, NSPS Subpart Db: Compliance and performance methods for oxides of nitrogen and particulate matter.
- 97 40CFR 60.48b(a), NSPS Subpart Db: Compliance Certification
- 98 40CFR 60.48b(b), NSPS Subpart Db: Compliance Certification
- 99 40CFR 60.48b(c), NSPS Subpart Db: Compliance Certification

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

- 100 40CFR 60.42b(e), NSPS Subpart Db: Sulfur dioxide averaging period.
- 101 40CFR 60.42b(g), NSPS Subpart Db: Sulfur dioxide standard compliance.
- 102 40CFR 60.43b(e), NSPS Subpart Db: Annual capacity factor.
- 103 40CFR 60.43b(f), NSPS Subpart Db: Compliance Certification
- 104 40CFR 60.43b(f), NSPS Subpart Db: Compliance Certification
- 105 40CFR 60.43b(g), NSPS Subpart Db: Particulate matter and opacity exemption.
- 106 40CFR 60.44b(h), NSPS Subpart Db: Applicability of oxides of nitrogen standard.
- 107 40CFR 60.44b(i), NSPS Subpart Db: Averaging period.
- 108 40CFR 60.44b(l), NSPS Subpart Db: Compliance Certification
- 109 40CFR 60.46b, NSPS Subpart Db: Compliance and performance methods for oxides of nitrogen and particulate matter.
- 110 40CFR 60.48b(a), NSPS Subpart Db: Compliance Certification
- 111 40CFR 60.48b(b), NSPS Subpart Db: Compliance Certification
- 112 40CFR 60.48b(c), NSPS Subpart Db: Compliance Certification

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

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



for oxides of nitrogen and particulate matter.

120 40CFR 60.48b(a), NSPS Subpart Db: Compliance Certification

121 40CFR 60.48b(b), NSPS Subpart Db: Compliance Certification

122 40CFR 60.48b(c), NSPS Subpart Db: Compliance Certification

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

123 6 NYCRR 227-2.4 (b) (1) (ii): Compliance Certification

EU=1-BOILS,Proc=U7G

124 6 NYCRR 227-2.4 (c) (1) (ii): Compliance Certification

EU=1-BOILS,Proc=U7O

125 6 NYCRR 227-2.4 (c) (1) (ii): Compliance Certification

EU=1-BOILS,EP=00001

126 6 NYCRR 227-2.4 (b) (2): Compliance Certification

EU=1-SALTP

127 6 NYCRR 212.6 (a): Compliance Certification

EU=1-SALTP,EP=00002

128 6 NYCRR 212.4 (c): Compliance Certification

129 6 NYCRR 212.4 (c): Compliance Certification

EU=1-SALTP,EP=00004

130 6 NYCRR 212.4 (c): Compliance Certification

131 6 NYCRR 212.4 (c): Compliance Certification

EU=1-SALTP,EP=00005

132 6 NYCRR 212.4 (c): Compliance Certification

EU=1-SALTP,EP=00006

133 6 NYCRR 212.4 (c): Compliance Certification

134 6 NYCRR 212.4 (c): Compliance Certification

EU=1-SALTP,EP=00012

135 6 NYCRR 212.4 (c): Compliance Certification

136 6 NYCRR 212.4 (c): Compliance Certification

EU=1-SALTP,EP=00014

137 6 NYCRR 212.4 (c): Compliance Certification

EU=1-SALTP,EP=00015

138 6 NYCRR 212.4 (c): Compliance Certification

New York State Department of Environmental Conservation

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139 6 NYCRR 212.4 (c): Compliance Certification

EU=1-SALTP,EP=00016

140 6 NYCRR 212.4 (c): Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

141 ECL 19-0301: Contaminant List

142 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities

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 - 6 NYCRR 201-1.5

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department 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 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 and maintained;

(3) During the period of the emergency the facility owner 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 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 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 - 6 NYCRR 201-1.10 (b)

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR 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 201-6.2 (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 201-6.2 (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 201-6.4 (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 201-6.4 (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 - 6 NYCRR 201-6.4 (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 order to maintain compliance with the conditions of this permit.

Item H: Property Rights - 6 NYCRR 201-6.4 (a) (6)

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



Item I: Severability - 6 NYCRR 201-6.4 (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 201-6.4 (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 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 201-6.4 (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 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 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:

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

Condition 2: Fees
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 201-6.4 (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 72-0303.

Condition 3: Recordkeeping and Reporting of Compliance Monitoring
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 201-6.4 (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 201-6.2 of Part 201.

**Condition 4: Records of Monitoring, Sampling, and Measurement
Effective between the dates of 04/01/2016 and 03/31/2021**

Applicable Federal Requirement: 6 NYCRR 201-6.4 (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 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 04/01/2016 and 03/31/2021**

Applicable Federal Requirement: 6 NYCRR 201-6.4 (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.
- (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 201-6.2(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.

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 may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent 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) and one copy shall be sent to the Administrator (or his or her representative). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.



Monitoring Frequency: SEMI-ANNUALLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement: 6 NYCRR 201-6.4 (e)

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and
 - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.
- iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the

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anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

iv. All annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent 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) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

Chief – Stationary Source Compliance Section
USEPA Region 2
Air Compliance Branch
290 Broadway
New York, NY 10007-1866

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer
NYSDEC Region 8 Headquarters
6274 East Avon-Lima Road
Avon, NY 14414-9519

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2017.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 7.1:

The Compliance Certification activity will be performed for the Facility.

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Item 7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

**Condition 8: Recordkeeping requirements
Effective between the dates of 04/01/2016 and 03/31/2021**

Applicable Federal Requirement:6 NYCRR 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 - Prohibitions
Effective between the dates of 04/01/2016 and 03/31/2021**

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:

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

Item 9.2

Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:

(a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.

(b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used



for cooking or processing food.

(c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.

(d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.

(e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.

(f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.

(g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.

(h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.

(i) Prescribed burns performed according to Part 194 of this Title.

(j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.

(k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.

(l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

**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 04/01/2016 and 03/31/2021**

Applicable Federal Requirement: 6 NYCRR 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 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:

Where practical, the owner or operator of 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 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 12.1:

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

Condition 13: Exempt Sources - Proof of Eligibility
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 13.1:

The owner or operator of an emission source or activity that is listed as being exempt may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all records necessary for demonstrating compliance with this Subpart on-site for a period of five years, and make them available to representatives of the department upon request.

Condition 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 14.1:

The owner or operator of an emission source or activity that is listed as being trivial in this Section may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.

Condition 15: Requirement to Provide Information
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 201-6.4 (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: Right to Inspect
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (8)

Item 16.1:

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

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

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

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

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

Condition 17: Off Permit Changes
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 201-6.4 (f) (6)

Item 17.1:

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



Applicable Federal Requirement:40CFR 82, Subpart F

Item 20.1:

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 21: Emission Unit Definition
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 21.1:

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 240 MMBtu/hr heat input fluidized bed boiler firing coal, wood, natural gas or combinations of these fuels.

Building(s): 1
FBBLR

Item 21.2:

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 22: Progress Reports Due Semiannually
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 201-6.4 (d) (4)



Item 22.1:

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 23: Air pollution prohibited
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 211.1

Item 23.1:

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.

Condition 24: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

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

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: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of any stationary combustion installation that fires solid fuel are limited to the firing of solid fuel with a sulfur content of 2.5 lbs/mmBtu maximum, 1.9 lbs/mmBtu*** average, and 1.7 lbs/mmBtu**** annual average.

*** Averages are computed for each emission source by dividing the total sulfur content by the total gross heat content of all solid fuel received during any consecutive three-month period.

**** Annual averages are computed for each emission source



by dividing the total sulfur content by the total gross heat content of all solid fuel received during any consecutive 12-month period.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the Department.

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: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 25: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

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

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:

Owners and/or operators of a stationary combustion installation that fires distillate oil other than number two heating oil are limited to the purchase of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2014. Compliance with this limit will be based on vendor certifications.

Data collected pursuant to this Subpart must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records and summaries, on a semiannual calendar basis, within 30 days after the end of the semiannual period. All other facility owners or distributors must submit these records and summaries upon request of the

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Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.0015 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY
TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 26: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 225-1.6

Item 26.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This facility shall comply with all applicable requirements of 6 NYCRR Part 225-1.6(a) through (f) covering sampling, analysis and reporting.

Monitoring Frequency: SEMI-ANNUALLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 27: Modification Notification
Effective between the dates of 04/01/2016 and 03/31/2021

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.

Condition 28: Recordkeeping requirements.
Effective between the dates of 04/01/2016 and 03/31/2021

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 04/01/2016 and 03/31/2021

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 six (6) month period (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 repairs or adjustments; and
- 4) when no excess emissions have occurred or when the



requirements of 40 CFR Part 60.7(a).

Condition 34: Performance testing timeline.
Effective between the dates of 04/01/2016 and 03/31/2021

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 04/01/2016 and 03/31/2021

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 Administrators satisfaction that the affected facility is in compliance with the standatr, 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 04/01/2016 and 03/31/2021

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 04/01/2016 and 03/31/2021

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

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 04/01/2016 and 03/31/2021

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



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 04/01/2016 and 03/31/2021

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 04/01/2016 and 03/31/2021

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 04/01/2016 and 03/31/2021

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), compliance with the applicable standards must be achieved.

Condition 46: Reconstruction

Effective between the dates of 04/01/2016 and 03/31/2021

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;



Item 49.2:

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
NYTMN (km.):	4696.422	NYTME (km.):	344.731
		Width (in.):	144
		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.):	24
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:	00016		
Height (ft.):	65	Diameter (in.):	22
NYTMN (km.):	4696.422	NYTME (km.):	344.731
		Building:	3

Condition 50: Process Definition By Emission Unit
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 50.1:

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.	

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Emission Source/Control: UNIT9 - Combustion
Design Capacity: 240 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 50.2:

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: 240 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 50.3:

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 other times of transition between processes.

Emission Source/Control: UNIT9 - Combustion
Design Capacity: 240 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 50.4:

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

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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: 240 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 50.5:

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 (103MMBtu/hr) boiler
burning natural gas as the primary fuel.

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

Item 50.6:

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
Process Description:
Process U7G consists of units 7 and 8 (72.8 MMBtu/hr)
boilers 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 50.7:

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)
boilers each burning fuel oil as the primary fuel. All

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process applicable requirements and reported 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 50.8:

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: EP00004- A-Train Rotoclone, EP00005- Heil separator/demister for dewatering and drying salt, EP00015-B-Train Rotoclone, EP00016 – Three Stage Scrubber.

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: SCRB1 - Control
Control Type: WET SCRUBBER

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

Emission Source/Control: GCSYS - Process

Emission Source/Control: PCSYS - Process

Emission Source/Control: SCALP - Process

Item 50.9:

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 bldg. 18 storage silos, scalping screen, scales and load out. EP00006-Rotoclone for bldg. 5 bagging operations.

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EP00012-Rotoclone for building 11B storage silos, scalping screen, and bagging machines. EP00014-Large Tubejet for packaging 26 oz line.

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

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

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: SCALP - Process

Emission Source/Control: SILOS - Process

Condition 51: Process Permissible Emissions
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 51.1:

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 52: Capping Monitoring Condition
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR Subpart 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:

6 NYCRR Subpart 231-2
40 CFR 52.21

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: 000630-08-0 CARBON MONOXIDE

Item 52.7:

Compliance Certification shall include the following monitoring:

Capping: Yes
Monitoring Type: MONITORING OF PROCESS OR CONTROL



DEVICE PARAMETERS AS SURROGATE

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: 136.6 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 7/30/2016.

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

Condition 53: Capping Monitoring Condition

Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 53.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the

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purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 231-2.12
40 CFR 52.21

Item 53.2:

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

Item 53.3:

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 53.4:

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 53.5:

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 53.6:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 53.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

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 7/30/2016.

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

Condition 54: Capping Monitoring Condition

Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 54.1:

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



otherwise be subject to:

6 NYCRR 231-2.6
40 CFR 52.21

Item 54.2:

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

Item 54.3:

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 54.4:

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 54.5:

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 54.6:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Regulated Contaminant(s):

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

Item 54.7:

Compliance Certification shall include the following monitoring:

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 based on presumptive RACT limits in 6 NYCRR Part 227-2 and 2014 source testing. 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.

$$128.6 \text{ tpy} = [(0.16 \text{ lb NOx/MMBtu} \times a \text{ ton coal/MMBtu} \times b \text{ ton coal (fluidized bed)/yr} + (0.16 \text{ lb NOx/MMBtu} \times c \text{ MMBtu/lb wood} \times d \text{ lb wood (fluidized bed)/yr} + (0.16 \text{ lb NOx/MMBtu} \times e \text{ MMscf/MMBtu} \times f \text{ MMscf gas/yr} + (0.06 \text{ lb NOx/MMBtu} \times g \text{ MMBtu/MMscf gas} \times h \text{ MMscf gas (boiler \#1)/yr} + (0.08 \text{ lb NOx/MMBtu} \times i \text{ MMBtu/MMscf gas} \times j \text{ scf gas (boilers \#7 \& \#8)/yr} + (0.08 \text{ lb NOx/MMBtu oil} \times k \text{ MMBtu/1000 gal oil} \times l \text{ 1000 gal oil (boilers \#7 \& \#8)/yr}] \times \text{tons NOx} / 2000 \text{ lb}$$

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 128.6 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 7/30/2016.

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

Condition 55: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021



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

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Item 55.2:

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 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.

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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 7/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 56: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 227-2.6 (a)

Item 56.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Regulated Contaminant(s):

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

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emissions must be quantified according to the procedures specified in 6 NYCRR Part 227-2.6.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 57: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 231-2.6

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

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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 7/30/2016.

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

Condition 58: Compliance Certification

Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 231-2.6

Item 58.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Regulated Contaminant(s):

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.

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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 04/01/2016 and 03/31/2021**

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 59.1:

This Condition applies to Emission Unit: 1-BOILS

Item 59.2:

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

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

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

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



Condition 60: Date of Construction Notification - if a COM is used.
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 60.1:

This Condition applies to:

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

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

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

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

Item 60.1:

This Condition applies to Emission Unit: 1-BOILS

Item 60.2.3:

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;
- 6) a notification of the anticipated date for conducting the opacity observations,

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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 04/01/2016 and 03/31/2021

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 04/01/2016 and 03/31/2021

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

Item 62.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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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 04/01/2016 and 03/31/2021

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 04/01/2016 and 03/31/2021

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

Item 64.1:

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 64.2:

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Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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 65: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:40CFR 60.49b, 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
CAS No: 007446-09-5	SULFUR DIOXIDE

Item 65.2:

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 66: Sulfur dioxide monitoring.
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 66.1:

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

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Item 66.2:

Affected facilities shall install, calibrate, maintain, and operate CEMs for sulfur dioxide and either carbon dioxide or oxygen, measured at both the inlet and outlet of the sulfur dioxide controls.

Condition 67: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 67.1:

The Compliance Certification activity will be performed for:

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 04/01/2016 and 03/31/2021

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.

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Condition 69: Sulfur dioxide standard compliance.
Effective between the dates of 04/01/2016 and 03/31/2021

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.

Condition 70: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

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.

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Effective between the dates of 04/01/2016 and 03/31/2021

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

Effective between the dates of 04/01/2016 and 03/31/2021

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 7/30/2016.
Subsequent reports are due every 6 calendar month(s).

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Condition 73: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

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

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 7/30/2016.

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

Condition 74: Particulate matter and opacity exemption.
Effective between the dates of 04/01/2016 and 03/31/2021

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.

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Effective between the dates of 04/01/2016 and 03/31/2021

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.

Condition 76: Averaging period.

Effective between the dates of 04/01/2016 and 03/31/2021

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 04/01/2016 and 03/31/2021

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

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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 04/01/2016 and 03/31/2021

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 04/01/2016 and 03/31/2021

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

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Regulated Contaminant(s):

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

Item 81.2:

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 7/30/2016.

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

Condition 82: Standard for oxides of nitrogen.

Effective between the dates of 04/01/2016 and 03/31/2021

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.

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Hgo = Heat input from natural gas and/or distillate oil.

Hro = Heat input from residual oil.

Hc = Heat input from coal.

Condition 83: Sulfur dioxide monitoring.
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 83.1:

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

Item 83.2:

Affected facilities shall install, calibrate, maintain, and operate CEMs for sulfur dioxide and either carbon dioxide or oxygen, measured at both the inlet and outlet of the sulfur dioxide controls.

Condition 84: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 84.1:

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 84.2:

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.

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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

Condition 85: Sulfur dioxide averaging period.
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 85.1:

This Condition applies to Emission Unit: 1-BOILS

Process: BC2

Emission Source: UNIT9

Item 85.2:

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 86: Sulfur dioxide standard compliance.
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 86.1:

This Condition applies to Emission Unit: 1-BOILS

Process: BC2

Emission Source: UNIT9

Item 86.2:

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

Condition 87: Particulate matter standard.
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:40CFR 60.43b(a)(2), 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 coal

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and having a capacity of 10 percent of greater
for other fuels shall not exceed 0.10
lb/mmBtu.

Condition 88: Particulate matter standard.
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 88.1:

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

Item 88.2:

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 89: Annual capacity factor.
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 89.1:

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

Item 89.2:

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 90: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

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):

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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: 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 7/30/2016.

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

Condition 91: Compliance Certification

Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 91.1:

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 91.2:

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

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Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 92: Particulate matter and opacity exemption.
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 92.1:

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

Item 92.2:

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

Condition 93: Applicability of oxides of nitrogen standard.
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 93.1:

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

Item 93.2:

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

Condition 94: Averaging period.
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 94.1:

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

Item 94.2:

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

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Condition 95: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 95.1:

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 95.2:

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

Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 96.1:

This Condition applies to Emission Unit: 1-BOILS

Process: BC2

Emission Source: UNIT9

Item 96.2:

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 97: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

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

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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: 0NY075-00-0 PARTICULATES

Item 97.2:

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 7/30/2016.

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

Condition 98: Compliance Certification

Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement: 40CFR 60.48b(b), 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

Item 98.2:

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 7/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 99: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 99.1:

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 99.2:

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 7/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 100: Sulfur dioxide averaging period.
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 100.1:

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

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Item 100.2:

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 101: Sulfur dioxide standard compliance.
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 101.1:

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

Item 101.2:

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

Condition 102: Annual capacity factor.
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 102.1:

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

Item 102.2:

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 103: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 103.1:

The Compliance Certification activity will be performed for:

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

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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 7/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 105: Particulate matter and opacity exemption.
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 105.1:

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

Item 105.2:

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

Condition 106: Applicability of oxides of nitrogen standard.
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 106.1:

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

Item 106.2:

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

Condition 107: Averaging period.
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 107.1:

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

Item 107.2:

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

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average basis.

Condition 108: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 108.1:

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 108.2:

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

Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 109.1:

This Condition applies to Emission Unit: 1-BOILS

Process: BC3

Emission Source: UNIT9

Item 109.2:

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 110: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

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

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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: 0NY075-00-0 PARTICULATES

Item 110.2:

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 7/30/2016.

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

Condition 111: Compliance Certification

Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 111.1:

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 111.2:

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

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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 7/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 112: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 112.1:

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 112.2:

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 7/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 113: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 113.1:

The Compliance Certification activity will be performed for:

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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: 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 1/30/2017.

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

Condition 114: Compliance Certification

Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 114.1:

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 114.2:

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.

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Parameter Monitored: OPACITY
Upper Permit Limit: 27 percent
Monitoring Frequency: CONTINUOUS
Averaging Method: 6 MINUTE AVERAGE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 115: Particulate matter and opacity exemption.
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 115.1:

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

Item 115.2:

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

Condition 116: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 116.1:

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 116.2:

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)

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Reports due 30 days after the reporting period.
The initial report is due 7/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 117: Applicability of oxides of nitrogen standard.
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 117.1:

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

Item 117.2:

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

Condition 118: Averaging period.
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 118.1:

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

Item 118.2:

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 119: Compliance and performance methods for oxides of nitrogen and particulate matter.
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 119.1:

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

Item 119.2:

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.

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Condition 120: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:40CFR 60.48b(a), 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: 0NY075-00-0 PARTICULATES

Item 120.2:

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 7/30/2016.

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

Condition 121: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:40CFR 60.48b(b), 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:

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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: 0.1 pounds per million Btus

Monitoring Frequency: CONTINUOUS

Averaging Method: 30-DAY ROLLING AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

Condition 122: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 122.1:

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 122.2:

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 7/30/2016.

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

Condition 123: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

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

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Item 123.1:

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 123.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to natural gas only fired large boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

The compliance deadline, with the emission limitation listed in this condition, is July, 1 2014. Compliance with the monitoring, record keeping, or reporting requirements listed in this condition begins on July, 1 2014.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.06 pounds per million Btus

Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, or 19

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

Condition 124: Compliance Certification

Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 124.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Process: U7G

Regulated Contaminant(s):

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



Item 124.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to distillate oil/gas fired mid-size boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

The owner or operator will maintain records on-site for a minimum of five years.

The compliance deadline, with the emission limitation listed in this condition, is July, 1 2014. Compliance with the monitoring, record keeping, or reporting requirements listed in this condition begins on July, 1 2014.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.08 pounds per million Btus

Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, or 19

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

Condition 125: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

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

Item 125.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS

Process: U7O

Regulated Contaminant(s):

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

Item 125.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition applies to distillate oil/gas fired mid-size boilers. The owner or operator shall submit a testing protocol to the Department for approval a minimum of 30 days prior to any stack testing.

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The owner or operator will maintain records on-site for a minimum of five years.

The compliance deadline, with the emission limitation listed in this condition, is July, 1 2014. Compliance with the monitoring, record keeping, or reporting requirements listed in this condition begins on July, 1 2014.

Parameter Monitored: OXIDES OF NITROGEN
Upper Permit Limit: 0.08 pounds per million Btus
Reference Test Method: 40 CFR 60 Appendix A - Method 7, 7E, or 19
Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 126: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement: 6 NYCRR 227-2.4 (b) (2)

Item 126.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-BOILS Emission Point: 00001

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

Item 126.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The interim NOx RACT limit, based on limited operation when permit was issued, is 0.16 lb per million Btus. The averaging period for this limit is 24 hour during the ozone season and 30 day rolling during the non-ozone season. The facility will notify the RAPCE in writing whenever Boiler 9 is operated. Testing to help determine permanent NOx RACT limit will be required when Boiler 9 is in production for a period of time to be agreed to by the facility and the RAPCE. This limit will apply to all fuels combusted in this unit. No further action is required until Boiler 9 is put into production.

Manufacturer Name/Model Number: CEM System

Upper Permit Limit: 0.16 pounds per million Btus

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Reference Test Method: 40 CFR 60 Appendix A, Method 7
Monitoring Frequency: CONTINUOUS
Averaging Method: AVERAGING METHOD - SEE MONITORING

DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 127: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 127.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SALTP

Item 127.2:

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 128: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 128.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SALTP

Emission Point: 00002

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 128.2:

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. 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 129: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement: 6 NYCRR 212.4 (c)

Item 129.1:

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 129.2:

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

New York State Department of Environmental Conservation

Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001



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 7/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 130: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 130.1:

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 130.2:

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 7/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 131: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 131.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SALTP Emission Point: 00004

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 131.2:

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. 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 04/01/2016 and 03/31/2021

Applicable Federal Requirement: 6 NYCRR 212.4 (c)

Item 132.1:

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 132.2:

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.

New York State Department of Environmental Conservation

Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001



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 7/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 133: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 133.1:

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 133.2:

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. 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 134: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 134.1:



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 134.2:

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 7/30/2016.

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

Condition 135: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 135.1:

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 135.2:

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

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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 7/30/2016.

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

Condition 136: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 136.1:

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 136.2:

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. 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 137: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement:6 NYCRR 212.4 (c)

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Permit ID: 8-4432-00001/00031

Facility DEC ID: 8443200001



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 7/30/2016.

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

Condition 139: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable Federal Requirement: 6 NYCRR 212.4 (c)

Item 139.1:

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 139.2:

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. 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 140: Compliance Certification
Effective between the dates of 04/01/2016 and 03/31/2021



Applicable Federal Requirement:6 NYCRR 212.4 (c)

Item 140.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SALTP Emission Point: 00016

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

Item 140.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The scrubber water flow rate shall be maintained at or above 30 gpm. Flow readings must be recorded daily when equipment is in operation in a log kept on site. 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: FLOW RATE

Lower Permit Limit: 30 gallons per minute

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED
VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

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

Item A: 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 141: Contaminant List
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable State Requirement:ECL 19-0301

Item 141.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000630-08-0
Name: CARBON MONOXIDE



CAS No: 007446-09-5
Name: SULFUR DIOXIDE

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

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

Condition 142: Malfunctions and start-up/shutdown activities
Effective between the dates of 04/01/2016 and 03/31/2021

Applicable State Requirement: 6 NYCRR 201-1.4

Item 142.1:

- (a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.
- (b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, 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 department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.
- (c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.
- (d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.
- (e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.



