



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 7-3132-00055/00037
Effective Date: 11/02/2012 Expiration Date: No expiration date

Permit Issued To: ROCKTENN-SOLVAY, LLC
53 INDUSTRIAL DR
SYRACUSE, NY 13204

Facility: ROCKTENN
53 INDUSTRIAL DR
SYRACUSE, NY 13204-1035

Contact: JOHN TELESCA
53 INDUSTRIAL DRIVE
SYRACUSE, NY 13204-1035

Description:
RockTenn-Solvay, LLC (RockTenn) is submitting this PSD permit application as triggered based on CO₂ emissions) for the installation of at least two but not more than three, natural gas fired boilers (approximately 245 mmBTU/hr each). The equivalent of only two of the boilers will operate at any one time. The boilers are subject to 40 CFR 60, Subpart D(b) and are required to provide process steam to the RockTenn facility and will be operated instead of the coal fired boilers currently operated by Syracuse Energy Corporation

The primary fuel for the boilers will be natural gas and ultra low sulfur diesel (ULSD) which will be used as a back-up fuel if there is a natural gas curtailment or supply emergency. The two initial boilers will also be equipped to burn bio gas generated from the anaerobic digester of RockTenn's waste water treatment facility.

Until the third approximately 245 mmBTU/hr boiler is installed, or if RockTenn chooses not to install a third boiler, RockTenn plans to utilize two back-up 99.9 mm BTU/hr boilers, Subject to 40 CFR 60, Subpart D(C), operating on natural gas and ULSD as a backup when one of the other boilers is down for maintenance.

New York State Department of Environmental Conservation
Facility DEC ID: 7313200055



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: ELIZABETH A TRACY
 615 ERIE BLVD WEST
 SYRACUSE, NY 13204-2400

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 7 HEADQUARTERS



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

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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.



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 7 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 7 Headquarters
Division of Environmental Permits
615 Erie Blvd West
Syracuse, NY 13204-2400
(315) 426-7400

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY

PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: ROCKTENN-SOLVAY, LLC
53 INDUSTRIAL DR
SYRACUSE, NY 13204

Facility: ROCKTENN
53 INDUSTRIAL DR
SYRACUSE, NY 13204-1035

Authorized Activity By Standard Industrial Classification Code:
2631 - PAPERBOARD MILLS
4961 - STEAM SUPPLY

Permit Effective Date: 11/02/2012
date.

Permit Expiration Date: No expiration
date.



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 202-2.1: Compliance Demonstration
- 3 6 NYCRR 202-2.5: Recordkeeping requirements
- 4 6 NYCRR 200.7: Maintenance of Equipment
- 5 6 NYCRR 201-1.7: Recycling and Salvage
- 6 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 7 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 8 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 9 40 CFR Part 68: Accidental release provisions.
- 10 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 11 6 NYCRR 201-7.1: Facility Permissible Emissions
- *12 6 NYCRR 201-7.1: Capping Monitoring Condition
- *13 6 NYCRR 201-7.1: Capping Monitoring Condition
- 14 6 NYCRR 211.1: Air pollution prohibited
- 15 6 NYCRR 225-1.8: Compliance Demonstration
- 16 6 NYCRR Subpart 231-7: Compliance Demonstration
- 17 40CFR 60.43b(f), NSPS Subpart Db: Compliance Demonstration
- 18 40CFR 60.48c(g)(2), NSPS Subpart Dc: Compliance Demonstration
- 19 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Demonstration
- 20 40CFR 60.48c(j), NSPS Subpart Dc: Compliance Demonstration
- 21 40CFR 63, Subpart A: General Provisions
- 22 40CFR 63.7490(a), Subpart DDDDD: Affected source

Emission Unit Level

EU=B-OILER

- *23 6 NYCRR 201-7.1: Capping Monitoring Condition
- *24 6 NYCRR 201-7.1: Capping Monitoring Condition
- *25 6 NYCRR 201-7.1: Capping Monitoring Condition
- *26 6 NYCRR 201-7.1: Capping Monitoring Condition
- *27 6 NYCRR 201-7.1: Capping Monitoring Condition
- *28 6 NYCRR 201-7.1: Capping Monitoring Condition
- 29 6 NYCRR 202-1.1: Required emission tests
- 30 6 NYCRR 227-1.6: Corrective Action
- 31 6 NYCRR 227-1.7: General Provisions
- 32 6 NYCRR 231-7.6: Compliance Demonstration
- 33 40CFR 60, NSPS Subpart A: Applicability of General Provisions of 40 CFR 60 Subpart A
- 34 40CFR 63.7515(e), Subpart DDDDD: Compliance Demonstration
- 35 40CFR 63.7521(f), Subpart DDDDD: Compliance Demonstration
- 36 40CFR 63.7550(b), Subpart DDDDD: Compliance Demonstration

EU=B-OILER,Proc=BG1

- 37 40CFR 60.46b, NSPS Subpart Db: Compliance methods for opacity.
- 38 40CFR 60.48b(j), NSPS Subpart Db: Compliance Demonstration
- 39 40CFR 60.49b, NSPS Subpart Db: Recordkeeping and reporting requirements.

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



EU=B-OILER,Proc=FO1

- *40 6 NYCRR 201-7.1: Capping Monitoring Condition
- 41 6 NYCRR Subpart 231-7: Compliance Demonstration
- 42 40CFR 60.42b(j), NSPS Subpart Db: Demonstration criteria for low sulfur oil.
- 43 40CFR 60.46b, NSPS Subpart Db: Compliance methods for opacity.
- 44 40CFR 60.47b(f), NSPS Subpart Db: Alternative sulfur dioxide monitoring method.
- 45 40CFR 60.48b(a), NSPS Subpart Db: Compliance Demonstration
- 46 40CFR 60.49b, NSPS Subpart Db: Recordkeeping and reporting requirements.

EU=B-OILER,Proc=NG1

- *47 6 NYCRR 201-7.1: Capping Monitoring Condition
- 48 6 NYCRR Subpart 231-7: Compliance Demonstration
- 49 40CFR 60.46b, NSPS Subpart Db: Compliance methods for opacity.
- 50 40CFR 60.49b, NSPS Subpart Db: Recordkeeping and reporting requirements.

EU=B-OILER,Proc=TM1

- 51 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration

EU=B-OILER,Proc=TM2

- 52 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period.
- 53 40CFR 60.42c(i), NSPS Subpart Dc: Enforceability
- 54 40CFR 60.43c(e)(4), NSPS Subpart Dc: PM limit for facilities that burn only oil with less than 0.5% sulfur
- 55 40CFR 60.46c(e), NSPS Subpart Dc: Exemption from sulfur dioxide monitoring requirements.
- 56 40CFR 60.48c(a), NSPS Subpart Dc: Compliance Demonstration
- 57 40CFR 60.48c(d), NSPS Subpart Dc: Compliance Demonstration
- 58 40CFR 60.48c(f)(1), NSPS Subpart Dc: Compliance Demonstration

EU=B-OILER,EP=P0001

- 59 6 NYCRR 227-1.3: Compliance Demonstration
- 60 6 NYCRR 227-1.3 (a): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 61 ECL 19-0301: Contaminant List
- 62 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 63 6 NYCRR Subpart 201-5: Emission Unit Definition
- 64 6 NYCRR 211.2: Visible Emissions Limited
- 65 6 NYCRR 227-1.4: Compliance Demonstration

Emission Unit Level

- 66 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 67 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Sealing - 6 NYCRR 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

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

Item C: Maintenance of Equipment - 6 NYCRR 200.7

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



required to operate such device effectively.

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

If an existing emission source was subject to the permitting requirements of 6 NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

(a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.

(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Item E: Emergency Defense - 6 NYCRR 201-1.5

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

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

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

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

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

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

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



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

Item F: Recycling and Salvage - 6 NYCRR 201-1.7

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8

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

Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 201-3.2 (a)

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

Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR 201-3.3 (a)

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

Item J: Required Emission Tests - 6 NYCRR 202-1.1

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6 NYCRR Subpart 202-1.

Item K: Open Fires Prohibitions - 6 NYCRR 215.2

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

Item 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.

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Acceptable Ambient Air Quality



Effective between the dates of 11/02/2012 and Permit Expiration Date

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: Compliance Demonstration

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 2.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 2.2:

Compliance Demonstration 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 3: Recordkeeping requirements

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 3.1:

(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.

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Condition 4: Maintenance of Equipment
Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 200.7

Item 4.1:

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 5: Recycling and Salvage
Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 5.1:

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

Condition 6: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 6.1:

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 7: Exempt Sources - Proof of Eligibility
Effective between the dates of 11/02/2012 and Permit Expiration Date

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

Item 7.1:

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

Condition 8: Trivial Sources - Proof of Eligibility
Effective between the dates of 11/02/2012 and Permit Expiration Date

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

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Item 8.1:

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

Condition 9: Accidental release provisions.
Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement:40 CFR Part 68

Item 9.1:

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

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

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

Condition 10: Recycling and Emissions Reduction
Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement:40CFR 82, Subpart F

Item 10.1:

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

Condition 11: Facility Permissible Emissions
Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 11.1:

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



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

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

CAS No: 0NY998-00-0
Name: VOC

PTE: 99,800 pounds per year

Condition 12: Capping Monitoring Condition
Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 12.1:

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 231-7

Item 12.2:

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

Item 12.3:

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 12.4:

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 12.5:

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 12.6:

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

Emission Unit: B-OILER
Process: TM1

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Emission Unit: B-OILER
Process: TM2

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

Item 12.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of oxides of nitrogen shall not exceed 0.02 lb/mmBtu for small boilers while firing natural gas or ultra low sulfur diesel (ULSD). Low NOx Burners or selective catalytic reduction shall be employed.

Manufacturer Name/Model Number: NOx analyzer

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.02 pounds per million Btus

Reference Test Method: EPA RM 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 30-DAY AVERAGE

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

Subsequent reports are due every 3 calendar month(s).

Condition 13: Capping Monitoring Condition

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 13.1:

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

6 NYCRR 201-6.1 (a)

Item 13.2:

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

Item 13.3:

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.

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Item 13.4:

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 13.5:

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 13.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 13.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility VOC emissions will be calculated by the sum of the following:

- Modified VOC mass balance approach for chemical usage as specified in previously confirmed calculation;
- VOC emissions from the waste water treatment;
- VOC emissions from the emission unit B-OILER boilers based on natural gas usage and manufacturer's guaranteed emission factors;
- VOC emission from the emission unit B-OILER boilers based on oil usage and AP-42 emission factors;
- VOC emissions from the emission unit B-OILER permanent boilers (emission source B0001 - B0003) based on biogas usage and AP-42 emission factors.

Monitoring Frequency: MONTHLY

Averaging Method: 12-month total, rolled monthly

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 14: Air pollution prohibited



Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 211.1

Item 14.1:

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 15: Compliance Demonstration

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 225-1.8

Item 15.1:

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

Emission Unit: B-OILER
Process: FO1

Emission Unit: B-OILER
Process: TM2

Item 15.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- a. fuel analyses and data on the quantities of all residual and distillate oil and coal received, burned or sold;
- b. the names of all purchasers of all residual and distillate oil and coal sold;
- c. any results of stack sampling, stack monitoring and other procedures used to ensure compliance with the provisions of 6 NYCRR Part 225-1.

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

These records shall be retained for a minimum period of

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



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

Monitoring Frequency: PER DELIVERY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2013.
Subsequent reports are due every 12 calendar month(s).

Condition 16: Compliance Demonstration
Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR Subpart 231-7

Item 16.1:

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

Emission Unit: B-OILER
Process: FO1

Emission Unit: B-OILER
Process: NG1

Regulated Contaminant(s):
CAS No: 0NY750-00-0 CARBON DIOXIDE EQUIVALENTS

Item 16.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Annual CO₂eq emissions from the large boilers shall not exceed 254,994 tons on a rolling 12-month total. That calculation of CO₂eq emissions will be based on the emission factors codified at 40 CFR 98, Subpart C as follow:

For natural gas: 116.9 lbs CO₂/mmBtu, 2.21E-03 lbs CH₄/mmBtu and 2.21E-04 lbs N₂O/mmBtu

For ULSD: 163.1 lbs CO₂/mmBtu, 6.62E-03 lbs CH₄/mmBtu and 1.32E-03 lbs N₂O/mmBtu

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Parameter Monitored: CARBON DIOXIDE EQUIVALENTS

Upper Permit Limit: 254,994 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL TOTAL ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 17: Compliance Demonstration

Effective between the dates of 11/02/2012 and Permit Expiration Date

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

Item 17.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: B-OILER

Process: FO1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 17.2:

Compliance Demonstration 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. Initial compliance for each unit must be demonstrated using EPA RM 9 in accordance with 40 CFR 60.11 within 180 days of startup of each unit. Further RM 9 compliance tests must be done in accordance with the time frames identified in 40 CFR 60.48b(a)(1) through (3).

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA RM 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Condition 18: Compliance Demonstration

Effective between the dates of 11/02/2012 and Permit Expiration Date

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

Item 18.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: B-OILER

Process: TM1

Emission Unit: B-OILER

Process: TM2

Item 18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As an alternative to meeting the requirements of 40 CFR 60.48c(g)(1), the owner or operator of an affected facility that combusts only natural gas, wood, fuels using fuel certification in 40 CFR 60.48c(f) to demonstrate compliance with the SO₂ standard, fuels not subject to an emissions standard (excluding opacity), or a mixture of these fuels may elect to record and maintain records of the amount of each fuel combusted during each calendar month.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 19: Compliance Demonstration

Effective between the dates of 11/02/2012 and Permit Expiration Date

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

Item 19.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: B-OILER

Process: TM1

Emission Unit: B-OILER

Process: TM2

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Item 19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 20: Compliance Demonstration
Effective between the dates of 11/02/2012 and Permit Expiration Date

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

Item 20.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: B-OILER
Process: TM1

Emission Unit: B-OILER
Process: TM2

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The reporting period for the reports required under this subpart is each six-month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 21: General Provisions
Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63, Subpart A

Item 21.1:

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



This emission source is subject to the applicable provisions of 40 CFR 63 Subpart A. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

Condition 22: Affected source

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement:40CFR 63.7490(a), Subpart DDDDD

Item 22.1:

The affected source is the collection of all existing industrial, commercial, and institutional boilers and process heaters within a subcategory and each new or reconstructed industrial, commercial, or institutional boiler or process heater.

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

Condition 23: Capping Monitoring Condition

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 23.1:

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 231-7

Item 23.2:

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

Item 23.3:

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 23.4:

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 23.5:

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



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 23.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 23.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Facility shall not burn ultra low sulfur diesel in excess of 1,176,000 gals over any twelve consecutive month period.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: ULTRA LOW SULFUR DIESEL FUEL

Upper Permit Limit: 1,176,000 gallons

Monitoring Frequency: MONTHLY

Averaging Method: 12-month total, rolled monthly

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 24: Capping Monitoring Condition

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 24.1:

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 231-7

Item 24.2:

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

Item 24.3:

The owner or operator of the permitted facility must maintain all required records on-site for a

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



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 24.4:

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 24.5:

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 24.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Regulated Contaminant(s):

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

Item 24.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In the event that the small boilers (B0003 and B0004) are operating simultaneously with one of the large boilers (i.e.; process TM1 or TM2), NO_x CEMs compliance limits will be determined by a calculated, weighted average allowable emission rate for each fuel type: 30-day average firing gas; or the 1-hour average firing oil. Allowable emission rate will be calculated according to the formula listed in attachment 1.

If the small boilers operate for less than 30 days, the compliance determination will be based on the actual time (but in no case shall the averaging time be less than a 1-hour average).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



The initial report is due 1/30/2013.
Subsequent reports are due every 3 calendar month(s).

Condition 25: Capping Monitoring Condition
Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 25.1:

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

6 NYCRR Subpart 231-7

Item 25.2:

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

Item 25.3:

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

Item 25.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 25.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 25.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Regulated Contaminant(s):

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

Item 25.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Other than periods of startup or shut down, the facility shall not operate more than two large boilers at a time. In addition, the facility shall not operate more than one large boiler at the same time as one or both small boilers are operating. The duration of startup and shutdown shall be limited to no more than 12 hours for each occurrence.

The facility shall monitor and record all dates and times that fuel is fired in each large and small boiler located at the facility.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 26: Capping Monitoring Condition

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 26.1:

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

6 NYCRR Subpart 231-7

Item 26.2:

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

Item 26.3:

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

Item 26.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Item 26.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 26.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 26.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility shall perform annual tuneups meeting the requirements of 40 CFR 63 Subpart DDDDD. During these tuneups, boiler CO emission levels shall be checked using a portable CO analyzer. The facility shall document the CO levels prior to and after conducting each annual tuneup. These records shall be maintained in a permanently bound log book that is maintained on site for a period of at least 5 years after each annual tuneup is completed.

Manufacturer Name/Model Number: TBD

Monitoring Frequency: ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 27: Capping Monitoring Condition

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 27.1:

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

6 NYCRR Subpart 231-7

Item 27.2:

Operation of this facility shall take place in accordance with the approved criteria, emission

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



limits, terms, conditions and standards in this permit.

Item 27.3:

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

Item 27.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 27.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 27.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 27.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility will ensure that carbon monoxide emissions shall not exceed 0.046 lb/mmBtu (each unit) while firing pipeline natural gas or ULSD, or either of these fuels combined with biogas. Compliance with this limit shall be based upon the average of three one hour stack test runs. Initial EPA reference method compliance testing is required for the large boilers within 180 days of startup of these units. RockTenn will provide NYSDEC with notification of small boiler installation within 7 days of the day that boilers have initiated operation. Emission testing of small boilers will be conducted upon Department request. In the event that actual facility carbon monoxide emissions, based on stack test emission factors, exceeds 80 tons over any 12-consecutive month period, the facility shall install, calibrate and operate a continuous emissions monitoring (CEM) system for carbon monoxide

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



within 180 days of exceeding this threshold. The CO CEMS shall be installed and operated in accordance with a NYSDEC approved monitoring plan.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 0.046 pounds per million Btus

Reference Test Method: EPA RM 10

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 28: Capping Monitoring Condition

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 28.1:

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

6 NYCRR Subpart 231-7

Item 28.2:

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

Item 28.3:

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

Item 28.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 28.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 28.6:

The Compliance Demonstration activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Emission Unit: B-OILER

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 28.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

In order to avoid PSD for SO₂, the facility will limit the sulfur content of the No. 2 fuel oil to no more than 15 ppm by weight sulfur. The facility will maintain fuel supplier certifications that contain the sulfur content or maximum sulfur content of the oil. The facility shall certify on a semi annual calendar basis that any fuel deliveries received during the reporting period were in compliance with this condition.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 15 parts per million by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 29: Required emission tests

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 29.1:

This Condition applies to Emission Unit: B-OILER

Item 29.2:

An acceptable report of measured emissions shall be submitted, if requested by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation.

Condition 30: Corrective Action

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 227-1.6

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Item 30.1:

This Condition applies to Emission Unit: B-OILER

Item 30.2:

(a) Any person found to have violated any provision of this Part shall not cause, permit or allow operation of the stationary combustion installation involved in the violation unless:

- (1) it is equipped with approved emission control equipment;
- (2) it is rehabilitated or upgraded in an approved manner; or
- (3) the fuel is changed to an acceptable type.

(b) The commissioner may seal such stationary combustion installation so as to prevent any operation if the conditions of paragraph (a)(1)-(3) above are not met within the time provided by the order of final determination issued in the case of the violation.

(c) No person shall cause, permit or allow operation of any stationary combustion installation sealed by the commissioner in accordance with this section.

(d) No person except the commissioner or his representative shall remove, tamper with or destroy any seal affixed to any stationary combustion installation.

Condition 31: General Provisions

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 227-1.7

Item 31.1:

This Condition applies to Emission Unit: B-OILER

Item 31.2:

(a) Emission data. Any person who owns or operates a stationary combustion installation described in 6 NYCRR Part 227-1 shall provide pertinent data concerning emissions when so requested by the commissioner.

(b) Test methods. Sampling, compositing and analysis of fuel samples shall be carried out in accordance with the most recent ASTM standard methods or equivalent methods acceptable to the commissioner.

Condition 32: Compliance Demonstration

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 231-7.6

Item 32.1:

The Compliance Demonstration activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Emission Unit: B-OILER

Regulated Contaminant(s):

CAS No: 0NY750-00-0 CARBON DIOXIDE EQUIVALENTS

Item 32.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

GHG BACT shall be demonstrated by the use of low CO₂ emitting fuels (primary natural gas with limited backup ULSD) and boiler design efficiency measures to achieve not greater than 1.3 mmBtu/Klbs (million British thermal units per thousand pounds of steam) from each large boiler on a rolling 12-month basis, or per the final boiler manufacturer's specification. Annual CO₂ emissions shall be calculated for the large boilers based on the totalized annual quantity of each fuel fired multiplied by that fuel's CO₂ emission factor per the USEPA GHG Reporting Rule (40 CFR 98.33).

Continuous compliance for the large boilers shall be demonstrated per the requirements of the USEPA Greenhouse Gas Reporting Rule as follows:

- (a) The primary fuel, natural gas, shall be measured using a natural gas revenue meter or another metering device with accuracy of at least +/- 5%.
- (b) Liquid fuel and biogas use shall be monitored with a metering device accurate to at least +/- 5%.
- (c) Steam production (or the equivalent net makeup water flow) shall be monitored continuously with metering devices accurate to at least +/- 5%.

Information (including make, model and manufacturer's guaranteed accuracy) regarding each monitoring device to be used to demonstrate continuous compliance as set forth in (a) through (c) above shall be provided to the Department in an emission monitoring plan to be submitted no later than 60 days prior to the initial startup of the large boilers.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055

Condition 33: Applicability of General Provisions of 40 CFR 60 Subpart A
Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement: 40 CFR 60, NSPS Subpart A

Item 33.1:

This Condition applies to Emission Unit: B-OILER

Item 33.2:

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

Condition 34: Compliance Demonstration
Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.7515(e), Subpart DDDDD

Item 34.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Regulated Contaminant(s):
CAS No: 0NY100-00-0 HAP

Item 34.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Boilers or process heaters that are in either the natural gas, refinery gas, other gas 1, or Metal Process Furnace subcategories and have a heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually to demonstrate continuous compliance as specified in paragraphs (a)(10)(i) through (a)(10)(vi) of 40 CFR 63.7540. Each annual tune-up specified in §63.7540(a)(10) must be no more than 13 months after the previous tune-up.

Monitoring Frequency: ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 35: Compliance Demonstration
Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.7521(f), Subpart DDDDD

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Item 35.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Item 35.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To demonstrate that a gaseous fuel other than natural gas or refinery gas qualifies as an other gas 1 fuel, as defined in 40 CFR 63.7575, the owner or operator must conduct a fuel specification analyses for hydrogen sulfide and mercury according to the procedures in 40 CFR 7521(g) through (i) and Table 6 to subpart DDDDD, as applicable. The owner or operator is not required to conduct the fuel specification analyses in 40 CFR 63.7521(g) through (i) for gaseous fuels other than natural gas or refinery gas that are complying with the limits for units designed to burn gas 2 (other) fuels.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 36: Compliance Demonstration

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 63.7550(b), Subpart DDDDD

Item 36.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Item 36.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Unless the EPA Administrator has approved a different schedule for submission of reports under 40 CFR 63.10(a), the owner or operator must submit each report by the date in Table 9 to subpart DDDDD and according to the requirements in paragraphs (1) through (5). For units that are subject only to a requirement to conduct an annual or biennial tune-up according to 40 CFR 63.7540(a)(10) or (a)(11), respectively, and not subject to emission limits or operating limits, owners or operators may submit only an annual or biennial compliance report, as applicable, as

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



specified in paragraphs (b)(1) through (5) of this section, instead of a semi-annual compliance report.

(1) The first compliance report must cover the period beginning on the compliance date that is specified for the affected source in 40 CFR 63.7495 and ending on June 30 or December 31, whichever date is the first date that occurs at least 180 days (or 1 or 2 year, as applicable, if submitting an annual or biennial compliance report) after the compliance date that is specified for the source in 40 CFR 63.7495.

(2) The first compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the first calendar half after the compliance date that is specified for the source in 40 CFR 63.7495. The first annual or biennial compliance report must be postmarked no later than January 31.

(3) Each subsequent compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31. Annual and biennial compliance reports must cover the applicable one or two year periods from January 1 to December 31.

(4) Each subsequent compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period. Annual and biennial compliance reports must be postmarked no later than January 31.

(5) For each affected source that is subject to permitting regulations pursuant to part 70 or part 71 of this chapter, and if the delegated authority has established dates for submitting semiannual reports pursuant to 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A), the owner or operator may submit the first and subsequent compliance reports according to the dates the delegated authority has established instead of according to the dates in 40 CFR 63.7550(b)(1) through (4).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 37: Compliance methods for opacity.
Effective between the dates of 11/02/2012 and Permit Expiration Date

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



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

Item 37.1:

This Condition applies to Emission Unit: B-OILER
Process: BG1

Item 37.2:

The opacity standards in section 40 CFR 60-Db.43b shall apply at all times except during periods of startup, shutdown and malfunction.

Condition 38: Compliance Demonstration

Effective between the dates of 11/02/2012 and Permit Expiration Date

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

Item 38.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER
Process: BG1

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

Item 38.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

To avoid installing a COMs, the boiler must be firing at
least 130 mmBtu/hr natural gas before introducing Biogas
to the boiler in order to achieve an SO2 emission
potential of less than 0.06 lbs SO2/mmBtu.

Parameter Monitored: HEAT INPUT

Lower Permit Limit: 130 million Btu per hour

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

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

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 39: Recordkeeping and reporting requirements.

Effective between the dates of 11/02/2012 and Permit Expiration Date

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

Item 39.1:

This Condition applies to Emission Unit: B-OILER
Process: BG1

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Item 39.2:

This facility is subject to the provisions of Subpart Db. Therefore, the facility must meet the record keeping and reporting requirements of section 40 CFR 60.49b.

Condition 40: Capping Monitoring Condition

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR 201-7.1

Item 40.1:

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 231-7

Item 40.2:

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

Item 40.3:

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 40.4:

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 40.5:

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 40.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER
Process: FO1

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

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Item 40.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of oxides of nitrogen shall not exceed 0.15 lb/mmBtu for the large boilers while firing ultra low sulfur diesel (ULSD). Boilers shall employ the use of low NOx burners (LNB). Compliance with this limit is based on a 30 day rolling average as long as the total 12-month rolling total fuel oil use in any boiler is not used in more than a de minimis capacity as described in the EPA guidance for intermittent sources.

Manufacturer Name/Model Number: NOx analyzer

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 0.15 pounds per million Btus

Reference Test Method: EPA RM 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 30 DAY ROLLING AVERAGE, ROLLED DAILY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

Subsequent reports are due every 3 calendar month(s).

Condition 41: Compliance Demonstration

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR Subpart 231-7

Item 41.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Process: FO1

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 41.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

For compliance with BACT for Particulate Matter the facility will ensure that PM10 and PM 2.5 emissions shall not exceed 0.015 lb/MMBtu (as determined using EPA reference methods proposed methods and/or modified test methods approved by NYSDEC), based on the average of three 1-4 hour runs per test, firing ultra low sulfur diesel with a sulfur content not to exceed 15 ppmw. Compliance

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



with this limit shall include condensible particulate matter in accordance with US EPA reference test methods.

Good combustion practices shall be employed based on the use of low NOx burners.

Biogas that is produced on-site may be co-fired in the proposed boilers to the extent that the actual PM 10/PM 2.5 emitted from these units does not exceed the allowable emissions of PM10/PM2.5 authorized by this approval.

An initial stack test to determine compliance with this limit is required within 180 days of startup of each boiler on fuel oil. Future testing will be done at the discretion of the Department in accordance with 6 NYCRR Part 202-1.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.015 pounds per million Btus

Reference Test Method: EPA REFERENCE TEST METHODS APPROVED BY NYSDEC

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING

DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 42: Demonstration criteria for low sulfur oil.
Effective between the dates of 11/02/2012 and Permit Expiration Date**

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

Item 42.1:

This Condition applies to Emission Unit: B-OILER
Process: FO1

Item 42.2:

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

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

2) Maintaining fuel receipts as

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



described in subdivision 60.49b(r).

Condition 43: Compliance methods for opacity.
Effective between the dates of 11/02/2012 and Permit Expiration Date

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

Item 43.1:

This Condition applies to Emission Unit: B-OILER
Process: FO1

Item 43.2:

The opacity standards in section 40 CFR 60-Db.43b shall apply at all times except during periods of startup, shutdown and malfunction.

Condition 44: Alternative sulfur dioxide monitoring method.
Effective between the dates of 11/02/2012 and Permit Expiration Date

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

Item 44.1:

This Condition applies to Emission Unit: B-OILER
Process: FO1

Item 44.2:

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

Condition 45: Compliance Demonstration
Effective between the dates of 11/02/2012 and Permit Expiration Date

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

Item 45.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER
Process: FO1

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

Item 45.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Monitoring Description:

To avoid installing a COMs, when firing oil (ULSD)
RockTenn will supplement with biogas in a manner that
achieves an SO₂ emission potential of less than 0.06 lbs
SO₂/mmBtu/hr.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: ULTRA LOW SULFUR DIESEL FUEL

Parameter Monitored: SULFUR DIOXIDE

Upper Permit Limit: 0.06 pounds per million Btus

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -

SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 46: Recordkeeping and reporting requirements.
Effective between the dates of 11/02/2012 and Permit Expiration Date**

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

Item 46.1:

This Condition applies to Emission Unit: B-OILER
Process: FO1

Item 46.2:

This facility is subject to the provisions of Subpart Db. Therefore, the facility must meet the record keeping and reporting requirements of section 40 CFR 60.49b.

**Condition 47: Capping Monitoring Condition
Effective between the dates of 11/02/2012 and Permit Expiration Date**

Applicable Federal Requirement:6 NYCRR 201-7.1

Item 47.1:

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 231-7

Item 47.2:

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

Item 47.3:

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

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



other state and federal air pollution control requirements, regulations or law.

Item 47.4:

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 47.5:

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 47.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Process: NG1

Regulated Contaminant(s):

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

Item 47.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

Emissions of oxides of nitrogen shall not exceed 0.011

lb/mmBtu for large boilers while firing natural gas.

Ultra Low NOx burners shall be employed.

Manufacturer Name/Model Number: NOx analyzer

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: .011 pounds per million Btus

Reference Test Method: EPA RM 7E

Monitoring Frequency: CONTINUOUS

Averaging Method: 30 DAY ROLLING AVERAGE, ROLLED DAILY

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

Subsequent reports are due every 3 calendar month(s).

Condition 48: Compliance Demonstration

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement: 6 NYCRR Subpart 231-7

Item 48.1:

The Compliance Demonstration activity will be performed for:

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Emission Unit: B-OILER
Process: NG1

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

Item 48.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

For compliance with BACT for Particulate Matter the facility will ensure that PM10 and PM 2.5 emissions shall not exceed 0.007 lb/mmBtu (as determined using EPA reference methods proposed methods and/or modified test methods approved by NYSDEC), based on the average of three 1-4 hour runs per test, firing natural gas. Compliance with this limit shall include condensible particulate matter in accordance with US EPA reference test methods.

Good combustion practices shall be employed based on the use of ultra-low NOx burners.

Biogas that is produced on-site may be co-fired in the proposed boilers to the extent that the actual PM 10/PM 2.5 emitted from these units does not exceed the allowable emissions of PM10/PM2.5 authorized by this approval.

An initial stack test to determine compliance with this limit is required within 180 days of startup of each boiler on natural gas. Future testing will be done at the discretion of the Department in accordance with 6 NYCRR Part 202-1.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.007 pounds per million Btus

Reference Test Method: TEST METHODS APPROVED BY NYSDEC

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 49: Compliance methods for opacity.

Effective between the dates of 11/02/2012 and Permit Expiration Date

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

Item 49.1:

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



This Condition applies to Emission Unit: B-OILER
Process: NG1

Item 49.2:

The opacity standards in section 40 CFR 60-Db.43b shall apply at all times except during periods of startup, shutdown and malfunction.

Condition 50: Recordkeeping and reporting requirements.
Effective between the dates of 11/02/2012 and Permit Expiration Date

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

Item 50.1:

This Condition applies to Emission Unit: B-OILER
Process: NG1

Item 50.2:

This facility is subject to the provisions of Subpart Db. Therefore, the facility must meet the record keeping and reporting requirements of section 40 CFR 60.49b.

Condition 51: Compliance Demonstration
Effective between the dates of 11/02/2012 and Permit Expiration Date

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

Item 51.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER
Process: TM1

Item 51.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

(1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.

(2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c., or 40 CFR 60.43c.

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



(3) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 52: Exemption from the averaging period.
Effective between the dates of 11/02/2012 and Permit Expiration Date

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

Item 52.1:

This Condition applies to Emission Unit: B-OILER
Process: TM2

Item 52.2:

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

Condition 53: Enforceability
Effective between the dates of 11/02/2012 and Permit Expiration Date

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

Item 53.1:

This Condition applies to Emission Unit: B-OILER
Process: TM2

Item 53.2:

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

Condition 54: PM limit for facilities that burn only oil with less than 0.5% sulfur
Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.43c(e)(4), NSPS Subpart Dc

Item 54.1:

This Condition applies to Emission Unit: B-OILER
Process: TM2

Item 54.2: 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 date comes first, an owner or operator of an affected facility that commences construction, reconstruction, or modification after February

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



28, 2005, and that combusts only oil that contains no more than 0.50 weight percent sulfur or a mixture of 0.50 weight percent sulfur oil with other fuels not subject to a PM standard under 40 CFR 60.43c and not using a post-combustion technology (except a wet scrubber) to reduce PM or SO₂ emissions is not subject to the PM limit in 40 CFR 60 Subpart Dc 60.43c(e).

Condition 55: Exemption from sulfur dioxide monitoring requirements.
Effective between the dates of 11/02/2012 and Permit Expiration Date

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

Item 55.1:

This Condition applies to Emission Unit: B-OILER
Process: TM2

Item 55.2:

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

Condition 56: Compliance Demonstration
Effective between the dates of 11/02/2012 and Permit Expiration Date

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

Item 56.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER
Process: TM2

Item 56.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

(1) The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.

(2) If applicable, a copy of any Federally enforceable requirement that limits the annual capacity factor for any fuel or mixture of fuels under 40 CFR 60.42c., or 40 CFR 60.43c.

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



(3) The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 57: Compliance Demonstration

Effective between the dates of 11/02/2012 and Permit Expiration Date

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

Item 57.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Process: TM2

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 57.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO₂ emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall submit semi-annual reports to the Administrator.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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

Condition 58: Compliance Demonstration

Effective between the dates of 11/02/2012 and Permit Expiration Date

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

Item 58.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Process: TM2

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Item 58.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

Monitoring Frequency: PER DELIVERY

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 59: Compliance Demonstration

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable Federal Requirement:6 NYCRR 227-1.3

Item 59.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Emission Point: P0001

Item 59.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Department. The following data must be recorded for each stack:

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

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

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

The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

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

Monitoring Frequency: DAILY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 60: Compliance Demonstration

Effective between the dates of 11/02/2012 and Permit Expiration Date

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

Item 60.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: B-OILER

Emission Point: P0001

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Item 60.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a combustion installation shall operate the installation in such a way to emit greater than 20 percent opacity except for one six minute period per hour, not to exceed 27 percent, based upon the six minute average in reference test Method 9 in Appendix A of 40 CFR 60.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2013.

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



STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)

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

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

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

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

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Condition 61: Contaminant List

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable State Requirement:ECL 19-0301

Item 61.1:

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: 0NY100-00-0

Name: HAP

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY750-00-0

Name: CARBON DIOXIDE EQUIVALENTS

CAS No: 0NY998-00-0

Name: VOC

Condition 62: Unavoidable noncompliance and violations

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 201-1.4

Item 62.1:

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

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

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

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

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

Condition 63: Emission Unit Definition
Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable State Requirement: 6 NYCRR Subpart 201-5

Item 63.1:

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

Emission Unit: B-OILER

Emission Unit Description:

This emission unit includes up to three (3) permanent, large package boilers (< 250 mmBtu/hr) capable of firing natural gas, No. 2 Fuel Oil (ULSD), or Biogas; additionally, up to two (2) back-up medium size package boilers (< 100 mmBtu/hr) capable of firing natural gas and No. 2 fuel Oil (ULSD) as a back-up. Total annual oil use for all boilers shall not exceed 164,640 mmBtu/yr (figure based on 336 hrs/yr x 490 mm Btu/hr).

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Building(s): BH

Condition 64: Visible Emissions Limited

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 211.2

Item 64.1:

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

Condition 65: Compliance Demonstration

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable State Requirement:6 NYCRR 227-1.4

Item 65.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 65.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any person subject to the provisions of this section shall record and maintain a file of such measurements and operating data, as may be required by the commissioner.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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

Condition 66: Emission Point Definition By Emission Unit

Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 66.1:

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

Emission Unit: B-OILER

Emission Point: P0001

Height (ft.): 199

Diameter (in.): 84

NYTMN (km.): 4768.538 NYTME (km.): 401.952 Building: BH

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Condition 67: Process Definition By Emission Unit
Effective between the dates of 11/02/2012 and Permit Expiration Date

Applicable State Requirement: 6 NYCRR Subpart 201-5

Item 67.1:

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

Emission Unit: B-OILER

Process: BG1

Source Classification Code: 1-03-002-09

Process Description:

This process includes up to three (3) permanent large package boilers (< 250 mmBtu/hr) firing natural gas supplemented with 12.1 mmBtu/hr biogas. Only one (1) of the boilers will be fired at any one time under this process scenario.

Emission Source/Control: B0001 - Combustion

Design Capacity: 245 million BTUs per hour

Emission Source/Control: B0002 - Combustion

Design Capacity: 245 million BTUs per hour

Emission Source/Control: B0003 - Combustion

Design Capacity: 245 million Btu per hour

Emission Source/Control: C0001 - Control

Control Type: LOW NOx BURNER

Emission Source/Control: C0002 - Control

Control Type: LOW NOx BURNER

Emission Source/Control: C0003 - Control

Control Type: LOW NOx BURNER

Item 67.2:

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

Emission Unit: B-OILER

Process: FO1

Source Classification Code: 1-03-005-01

Process Description:

This process includes up to three (3) permanent large package boilers (<250 mmBtu/hr) firing Ultra Low Sulfur Diesel (ULSD). The equivalent of only two boilers will be fired at the same time such that the maximum heat input for the three boilers will only be the sum of the heat capacities of any two of the boilers. ULSD may be supplemented with 12.1 mmBtu/hr biogas.

Emission Source/Control: B0001 - Combustion

Design Capacity: 245 million BTUs per hour

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Emission Source/Control: B0002 - Combustion
Design Capacity: 245 million BTUs per hour

Emission Source/Control: B0003 - Combustion
Design Capacity: 245 million Btu per hour

Emission Source/Control: C0001 - Control
Control Type: LOW NOx BURNER

Emission Source/Control: C0002 - Control
Control Type: LOW NOx BURNER

Emission Source/Control: C0003 - Control
Control Type: LOW NOx BURNER

Item 67.3:

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

Emission Unit: B-OILER

Process: NG1

Source Classification Code: 1-03-006-01

Process Description:

This process includes up to three (3) permanent large package boilers (<250 mmBtu/hr) firing natural gas. The equivalent of only two boilers will be fired at the same time such that the maximum heat input for the three boilers will only be the sum of the heat capacities of any two of the boilers.

Emission Source/Control: B0001 - Combustion
Design Capacity: 245 million BTUs per hour

Emission Source/Control: B0002 - Combustion
Design Capacity: 245 million BTUs per hour

Emission Source/Control: B0003 - Combustion
Design Capacity: 245 million Btu per hour

Emission Source/Control: C0001 - Control
Control Type: LOW NOx BURNER

Emission Source/Control: C0002 - Control
Control Type: LOW NOx BURNER

Emission Source/Control: C0003 - Control
Control Type: LOW NOx BURNER

Item 67.4:

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

Emission Unit: B-OILER

Process: TM1

Source Classification Code: 1-02-006-02

New York State Department of Environmental Conservation

Permit ID: 7-3132-00055/00037

Facility DEC ID: 7313200055



Process Description:

Process TM1 includes up to two (2) medium backup package boilers (< 100 mmBtu/hr) firing natural gas. These backup boilers will only be fired when one of the permanent boilers is down.

Emission Source/Control: B0004 - Combustion
Design Capacity: 99.9 million BTUs per hour

Emission Source/Control: B0005 - Combustion
Design Capacity: 99.9 million BTUs per hour

Emission Source/Control: C0004 - Control
Control Type: LOW NOx BURNER

Emission Source/Control: C0005 - Control
Control Type: LOW NOx BURNER

Item 67.5:

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

Emission Unit: B-OILER

Process: TM2

Source Classification Code: 1-02-005-02

Process Description:

Process TM2 includes up to two backup medium package boilers (< 100 mmBTU/hr) firing Ultra Low Sulfur Diesel (ULSD) as a backup. These backup boilers will only be fired when a permanent boiler is down.

Emission Source/Control: B0004 - Combustion
Design Capacity: 99.9 million BTUs per hour

Emission Source/Control: B0005 - Combustion
Design Capacity: 99.9 million BTUs per hour

Emission Source/Control: C0004 - Control
Control Type: LOW NOx BURNER

Emission Source/Control: C0005 - Control
Control Type: LOW NOx BURNER

