



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 2-6201-00045/00001
Mod 0 Effective Date: 07/28/2011 Expiration Date: 07/27/2016
Mod 1 Effective Date: 03/30/2012 Expiration Date: 07/27/2016

Permit Issued To: RACHEL BRIDGE CORP
1365 ST NICHOLAS AVE
NEW YORK, NY 10033-6202

Contact: JACOB SCHWIMMER
RACHEL BRIDGE CORP
1365 ST NICHOLAS AVE - 2ND FL
NEW YORK, NY 10033
(212) 795-9300

Facility: RACHEL BRIDGE CORP
1365 ST NICHOLAS AVE
NEW YORK, NY 10033

Contact: JACOB SCHWIMMER
RACHEL BRIDGE CORP
1365 ST NICHOLAS AVE - 2ND FL
NEW YORK, NY 10033
(212) 795-9300

Description:

Permit Description
Rachel Bridge Corporation
DEC ID # 2-6201-00045/00001 (Ren 2, Mod 1)

This is a minor modification of the current Title V permit for Rachel Bridge to install a natural gas feed to each of the six existing boilers. The facility is introducing a natural gas feed line to each of the six boilers. The firing of natural gas will significantly reduce the emissions of NOx and Particulates. To install a natural gas feed to each of six existing boilers is considered to be a minor modification because the modification does not exceed the criteria found under subparagraphs (i) - (v) of Part 201-6.7 (c). Also, the modification does not result in significant net emission increases and in fact reduces all nonattainment contaminants except for VOC's which increase slightly while burning natural gas. Carbon monoxide emissions increase slightly as well but significantly less than the PSD threshold for a significant net emission increase.

Net Emission Change in tons/yr for using the same annual Btus of natural gas as in #6 fuel oil consumed during the last 5 years:



Year	NOx Emis tpy	VOC Emis tpy	PM-10 Emis tpy	PM-2.5 Emis tpy	SO2 Emis tpy	CO Emis tpy
2005	-21.77	0.23	-1.81	-1.01	-21.39	3.18
2006	-18.85	0.20	-1.57	-0.87	-18.52	2.76
2007	-20.84	0.22	-1.73	-0.96	-20.47	3.05
2008	-19.18	0.20	-1.59	-0.89	-18.85	2.81
2009	-19.18	0.20	-1.59	-0.89	-18.84	2.81
2010	-18.57	0.20	-1.54	-0.86	-18.25	2.72

NSPS (New Source Performance Standards) is not applicable to this project for introducing a natural gas feed line to each of the six boilers. The firing of natural gas will significantly reduce the emissions of NOx and Particulates. Therefore, neither 40 CFR Part 60, Subpart A General Provisions - Standards of Performance for New Stationary Sources, Subpart A, nor 40 CFR Part 60 Subpart Dc - Standard of Performance for Small Industrial-Commercial-Institutional Steam Generating Units is applicable to this project.

To avoid the requirements of Part 231-2, Oxides of Nitrogen emitted from Emission Source ES006 shall not exceed 49,000 pounds for any twelve consecutive months. Fuel use records will be maintained and used to calculate NOx emissions.

Also, in order for Rachel Bridge Corporation to avoid the requirements of Part 231-2, Oxides of Nitrogen emitted from the Rockmills boiler (Emission Source ES006, rated at 14.1 MM Btu/hr) shall not exceed 490.0 MM scf of natural gas for any twelve consecutive months. This is equivalent to 49,000 pounds of NOx for any twelve consecutive months. This is also equivalent to 890,909 gallons of #6 fuel oil for any twelve consecutive months. Fuel use records will be maintained for 5 years and used to calculate NOx emissions.

The facility operates other sources which are considered exempt from permitting in accordance with 6NYCRR 201-3.2(c), including two underground # 6 fuel oil storage tanks (capacities of <300,000 bbls each).

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: JOHN F CRYAN
 NYSDEC
 47-40 21ST ST
 LONG ISLAND CITY, NY 11101-5407



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
 - Permit modifications, suspensions or revocations by the Department

Facility Level

- Submission of application for permit modification or renewal -
REGION 2 HEADQUARTERS



DEC GENERAL CONDITIONS

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

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

The permittee must submit a 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.

Condition 1-1: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 1-1.1:

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.

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

Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

The Department reserves the right to 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 2 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 2 Headquarters
Division of Environmental Permits
1 Hunters Point Plaza, 4740 21st Street
Long Island City, NY 11101-5407



(718) 482-4997

New York State Department of Environmental Conservation

Permit ID: 2-6201-00045/00001

Facility DEC ID: 2620100045



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

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1365 ST NICHOLAS AVE
NEW YORK, NY 10033-6202

Facility: RACHEL BRIDGE CORP
1365 ST NICHOLAS AVE
NEW YORK, NY 10033

Authorized Activity By Standard Industrial Classification Code:
6513 - APARTMENT BUILDING OPERATORS

Mod 0 Permit Effective Date: 07/28/2011

Permit Expiration Date: 07/27/2016

Mod 1 Permit Effective Date: 03/30/2012

Permit Expiration Date: 07/27/2016



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.5 (a) (7): Fees
- 3 6 NYCRR 201-6.5 (c): Recordkeeping and reporting of compliance monitoring
- 4 6 NYCRR 201-6.5 (c) (2): Monitoring, Related Recordkeeping, and Reporting Requirements.
- 5 6 NYCRR 201-6.5 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.5 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR 215.2: Open Fires - Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
- 1-1 6 NYCRR 201-3.2 (a): Compliance Certification
- 14 6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
- 15 6 NYCRR 201-6.5 (a) (4): Standard Requirement - Provide Information
- 16 6 NYCRR 201-6.5 (a) (8): General Condition - Right to Inspect
- 17 6 NYCRR 201-6.5 (d) (5): Standard Requirements - Progress Reports
- 18 6 NYCRR 201-6.5 (f) (6): Off Permit Changes
- 19 6 NYCRR 202-1.1: Required Emissions Tests
- 20 40 CFR Part 68: Accidental release provisions.
- 21 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 22 6 NYCRR Subpart 201-6: Emission Unit Definition
- 1-2 6 NYCRR 201-6.5 (g): Non Applicable requirements
- 1-3 6 NYCRR 201-7.2: Facility Permissible Emissions
- *1-4 6 NYCRR 201-7.2: Capping Monitoring Condition
- *1-5 6 NYCRR 201-7.2: Capping Monitoring Condition
- *1-6 6 NYCRR 201-7.2: Capping Monitoring Condition
- 1-7 6 NYCRR 211.1: Air pollution prohibited
- 24 6 NYCRR 225-1.2 (a) (2): Compliance Certification
- 25 6 NYCRR 225-1.2 (d): Compliance Certification
- 26 6 NYCRR 225-1.8 (a): Compliance Certification
- 27 6 NYCRR 225.1 (a) (3): Compliance Certification

Emission Unit Level

- 28 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 29 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 1-8 6 NYCRR 201-7.2: Process Permissible Emissions

EU=U-00001,Proc=P01

- 30 6 NYCRR 227.2 (b) (1): Compliance Certification

EU=U-00001,EP=C0001,Proc=P01

- 31 6 NYCRR 227-1.3: Compliance Certification



32 6 NYCRR 227-1.3 (a): Compliance Certification

EU=U-00001,EP=C0001,Proc=P01,ES=ES006

- 34 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 35 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 36 40CFR 60.9, NSPS Subpart A: Availability of information.
- 37 40CFR 60.14, NSPS Subpart A: Modifications.
- 38 40CFR 60.15, NSPS Subpart A: Reconstruction.
- 39 40CFR 60.42c(h), NSPS Subpart Dc: Exemption from the averaging period.
- 40 40CFR 60.46c(e), NSPS Subpart Dc: Exemption from sulfur dioxide monitoring requirements.
- 41 40CFR 60.48c(f)(2), NSPS Subpart Dc: Compliance Certification
- 42 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Certification
- 43 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 44 ECL 19-0301: Contaminant List
- 45 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 46 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

- 47 6 NYCRR 227-2.4 (d): Compliance Demonstration

NOTE: * preceding the condition number indicates capping.



FEDERALLY ENFORCEABLE CONDITIONS
****** Facility Level ******

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

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

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

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

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

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

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

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.



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

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

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

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

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

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

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

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

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

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

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

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



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

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

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

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

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

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

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

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is



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

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

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

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

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

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item L: Permit Exclusion - ECL 19-0305

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



(NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item M: **Federally Enforceable Requirements - 40 CFR 70.6 (b)**
All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

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

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

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 07/28/2011 and 07/27/2016

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:

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

Condition 2: Fees
Effective between the dates of 07/28/2011 and 07/27/2016

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

Item 2.1:

The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0303.

Condition 3: Recordkeeping and reporting of compliance monitoring
Effective between the dates of 07/28/2011 and 07/27/2016

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

Item 3.1:



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

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

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

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

Effective between the dates of 07/28/2011 and 07/27/2016

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

Item 4.1:

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

Condition 5: Compliance Certification

Effective between the dates of 07/28/2011 and 07/27/2016

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

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Submit reports of any required monitoring at a minimum



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

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

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.
- (4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A



written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.3(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

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

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

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

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

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 10/30/2011.



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

Condition 6: Compliance Certification
Effective between the dates of 07/28/2011 and 07/27/2016

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

New York State Department of Environmental Conservation

Permit ID: 2-6201-00045/00001

Facility DEC ID: 2620100045



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

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

The address for the RAPCE is as follows:

Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101-5407

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2012.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 07/28/2011 and 07/27/2016

Applicable Federal Requirement:6 NYCRR 202-2.1

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

Item 7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air

New York State Department of Environmental Conservation

Permit ID: 2-6201-00045/00001

Facility DEC ID: 2620100045



Resources, Bureau of Air Quality Planning, 625 Broadway,
Albany NY 12233-3251

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

Condition 8: Recordkeeping requirements
Effective between the dates of 07/28/2011 and 07/27/2016

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:

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

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

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

Condition 9: Open Fires - Prohibitions
Effective between the dates of 07/28/2011 and 07/27/2016

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:

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

Item 9.2

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

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended



until extinguished.

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

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

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

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

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

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

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

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period.

[NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]

**Condition 10: Maintenance of Equipment
Effective between the dates of 07/28/2011 and 07/27/2016**

Applicable Federal Requirement:6 NYCRR 200.7

Item 10.1:

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

**Condition 11: Recycling and Salvage
Effective between the dates of 07/28/2011 and 07/27/2016**

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:

Where practical, any person who owns or operates an air contamination source shall recycle or



salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air

Effective between the dates of 07/28/2011 and 07/27/2016

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 12.1:

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

Condition 13: Exempt Sources - Proof of Eligibility

Effective between the dates of 07/28/2011 and 07/27/2016

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

Item 13.1:

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

Condition 1-1: Compliance Certification

Effective between the dates of 03/30/2012 and 07/27/2016

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

Item 1-1.1:

The Compliance Certification activity will be performed for the Facility.

Item 1-1.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

As proof of exempt eligibility for the emergency generators, the facility must maintain monthly records which demonstrate that each engine is operated less than 500 hours per year, on a 12-month rolling total basis.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MINIMUM ROLLED MONTHLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 14: Trivial Sources - Proof of Eligibility



Effective between the dates of 07/28/2011 and 07/27/2016

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

Item 14.1:

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

Condition 15: Standard Requirement - Provide Information

Effective between the dates of 07/28/2011 and 07/27/2016

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

Item 15.1:

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

Condition 16: General Condition - Right to Inspect

Effective between the dates of 07/28/2011 and 07/27/2016

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

Item 16.1:

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

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

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

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

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

Condition 17: Standard Requirements - Progress Reports



Effective between the dates of 07/28/2011 and 07/27/2016

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

Item 17.1:

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

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

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

Condition 18: Off Permit Changes

Effective between the dates of 07/28/2011 and 07/27/2016

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

Item 18.1:

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

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

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

Condition 19: Required Emissions Tests

Effective between the dates of 07/28/2011 and 07/27/2016

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 19.1:

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time.

Condition 20: Accidental release provisions.

New York State Department of Environmental Conservation

Permit ID: 2-6201-00045/00001

Facility DEC ID: 2620100045



Effective between the dates of 07/28/2011 and 07/27/2016

Applicable Federal Requirement:40 CFR Part 68

Item 20.1:

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 21: Recycling and Emissions Reduction
Effective between the dates of 07/28/2011 and 07/27/2016

Applicable Federal Requirement:40CFR 82, Subpart F

Item 21.1:

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

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

Condition 22: Emission Unit Definition
Effective between the dates of 07/28/2011 and 07/27/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 22.1(From Mod 1):

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

Emission Unit: U-00001

Emission Unit Description:

Emission Unit U-00001 consists of six steam boilers that operate on # 6 fuel oil (Process P01) as well as natural



gas (Process 002). The emissions from all six boilers (Emission Sources ES001, ES002, ES003, ES004, ES005 & ES006) exit through a common stack, identified as Emission Point C0001.

Building(s): 1365 ST. N

Condition 1-2: Non Applicable requirements
Effective between the dates of 03/30/2012 and 07/27/2016

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

Item 1-2.1:

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

(From Mod 1) 6 NYCRR Subpart 231-2

Reason: The natural gas operation in the six boilers does not result in significant net emission increases and in fact reduces all nonattainment contaminants except for VOC's which increase slightly while burning natural gas. Carbon monoxide emissions increase slightly as well but significantly less than the PSD threshold for a significant net emission increase.

Net Emission Change:

Btu Content of #6 Fuel oil = 150,000

Btu/gal

Btu Content of Natural Gas = 1,050

Btu/scf = 1,050 MM Btu/MM scf

Emission Factors for #6 Fuel Oil:

NO_x = 55 lbs/1000 gal

VOC = 0.28 lbs/1000 gal

PM-10 = 7.17A, where A = 1.12(S) + 0.37
= 5.06202

PM-2.5 = 4.67A, where A = 1.12(S) +
0.37= 3.29702

SO₂ = 157S = 47.1

CO = 5 lbs/1000 gal

Emission Factors for Natural Gas:

NO_x = 50 lb/MM scf

VOC = 5.5 lb/MM scf

New York State Department of Environmental Conservation

Permit ID: 2-6201-00045/00001

Facility DEC ID: 2620100045



PM-10 = 7.6 lb/MM scf
 PM-2.5 = 7.6 lb/MM scf
 SO2 = 0.6 lb/MM scf
 CO = 84 lb/MM scf

Future Projected Actual NOx Emissions:

Year	AFU	PANE	ABC	NGE	FPANE
2005	909,800	25.02	136,470	129.97	3.25
2006	787,893	21.67	118,184	112.56	2.81
2007	870,934	23.95	130,640	124.42	3.11
2008	801,737	22.05	120,261	114.53	2.86
2009	801,585	22.04	120,238	114.51	2.86
2010	776,181	21.34	116,427	110.89	2.77

where;

AFU = Annual Fuel Use (gal)
 PANE = Past Actual NOx Emissions (tpy)
 ABC= Annual BTUs Consumed (BTUs)
 NGE = Natural Gas Equivalent (MM scf)
 FPANE = Future Projected Actual NOx Emissions (tpy)

Net Emission Change in tons/yr :

Year	NOx	VOC	PM-10	PM-2.5	SO2	CO
	tpy	tpy	tpy			
	tpy	tpy	tpy			
2005	-21.77	0.23	-1.81	-1.01	-21.39	3.18
2006	-18.85	0.20	-1.57	-0.87	-18.52	2.76



2007 -20.84 0.22 -1.73 -0.96 -20.47
3.05

2008 -19.18 0.20 -1.59 -0.89 -18.85
2.81

2009 -19.18 0.20 -1.59 -0.89 -18.84
2.81

2010 -18.57 0.20 -1.54 -0.86 -18.25
2.72

New Source Review (Part 231-2) is not applicable to this facility since operating the six boilers results in a significant net NO_x emissions decrease and in fact reduces all nonattainment contaminants except for VOC's which increase slightly. Carbon monoxide emissions increase slightly as well but significantly less than the PSD threshold for a significant net emission increase.

40 CFR Part 60, Subpart A

Reason: 40 CFR Part 60, Subpart A General Provisions - Standards of Performance for New Stationary Sources, Subpart A is not applicable to this project, in which the facility is introducing a natural gas feed line to each of the six boilers. The firing of natural gas will significantly reduce the emissions of NO_x and Particulates. To install a natural gas feed to each of six existing boilers is considered to be a minor modification because the modification does not exceed the criteria found under subparagraphs (i) - (v) of Part 201-6.7 (c). Also, the modification does not result in significant net emission increases and in fact reduces all nonattainment contaminants except for VOC's which increase slightly while burning natural gas. Carbon monoxide emissions increase slightly as well but significantly less than the PSD threshold for a significant net emission increase.

According to 40 CFR Part 60, Subpart A General Provisions - "Modification" means any physical change in, or change in the method of operation of, an existing facility which increases the amount of any air pollutant (to which a standard applies) emitted into the atmosphere by that facility or which results in the emission of any air pollutant (to which a standard applies) into the atmosphere not previously emitted.



Therefore, NSPS is not applicable to this project for introducing a natural gas feed line to each of the six boilers. The firing of natural gas will significantly reduce the emissions of NO_x and Particulates.

40 CFR Part 60, Subpart Dc

Reason: 40 CFR Part 60 Subpart Dc - Standard of Performance for Small Industrial-Commercial-Institutional Steam Generating Units is not applicable to this project, in which the facility is introducing a natural gas feed line to each of the six boilers. The firing of natural gas will significantly reduce the emissions of NO_x and Particulates. To install a natural gas feed to each of six existing boilers is considered to be a minor modification because the modification does not exceed the criteria found under subparagraphs (i) - (v) of Part 201-6.7 (c). Also, the modification does not result in significant net emission increases and in fact reduces all nonattainment contaminants except for VOC's which increase slightly while burning natural gas. Carbon monoxide emissions increase slightly as well but significantly less than the PSD threshold for a significant net emission increase.

According to 40 CFR Part 60, Subpart A General Provisions - "Modification" means any physical change in, or change in the method of operation of, an existing facility which increases the amount of any air pollutant (to which a standard applies) emitted into the atmosphere by that facility or which results in the emission of any air pollutant (to which a standard applies) into the atmosphere not previously emitted.

Therefore, NSPS is not applicable to this project for introducing a natural gas feed line to each of the six boilers. The firing of natural gas will significantly reduce the emissions of NO_x and Particulates.

**Condition 1-3: Facility Permissible Emissions
Effective between the dates of 03/30/2012 and 07/27/2016**

Applicable Federal Requirement: 6 NYCRR 201-7.2

Item 1-3.1:

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

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

CAS No: 0NY210-00-0 (From Mod 1) PTE: 251,356 pounds
per year



Name: OXIDES OF NITROGEN

Condition 1-4: Capping Monitoring Condition
Effective between the dates of 03/30/2012 and 07/27/2016

Applicable Federal Requirement: 6 NYCRR 201-7.2

Item 1-4.1:

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

6 NYCRR Subpart 231-2

Item 1-4.2:

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

Item 1-4.3:

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 1-4.4:

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 1-4.5:

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 1-4.6:

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

Emission Unit: U-00001
Process: P01

Emission Point: C0001
Emission Source: ES006

Emission Unit: U-00001
Process: P02

Emission Point: C0001
Emission Source: ES006

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

New York State Department of Environmental Conservation

Permit ID: 2-6201-00045/00001

Facility DEC ID: 2620100045



Item 1-4.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

To avoid the requirements of Part 231-2, Oxides of Nitrogen emitted from Boiler # 6, the 14.1 MM Btu/hr Rockmills/ Model MP 350SS boiler (Emission Source ES006) shall not exceed 49,000 pounds for any twelve consecutive months. Fuel use records will be maintained and used to calculate NOx emissions.

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 49000 pounds per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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

Condition 1-5: Capping Monitoring Condition

Effective between the dates of 03/30/2012 and 07/27/2016

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 1-5.1:

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

6 NYCRR Subpart 231-2

Item 1-5.2:

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

Item 1-5.3:

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 1-5.4:

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

New York State Department of Environmental Conservation

Permit ID: 2-6201-00045/00001

Facility DEC ID: 2620100045



period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 1-5.5:

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 1-5.6:

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

Emission Unit: U-00001 Emission Point: C0001
Process: P02 Emission Source: ES006

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

Item 1-5.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

To avoid the requirements of Part 231-2, Oxides of Nitrogen emitted from Boiler # 6, the 14.1 MM Btu/hr Rockmills/ Model MP 350SS boiler (Emission Source ES006) shall not exceed 490.0 MM scf of natural gas for any twelve consecutive months. Fuel use records will be maintained for 5 years and used to calculate NOx emissions.

Maximum Natural Gas use for the Rockford boiler (Emission Source ES006, rated at 14.1 MM Btu/hr) = (49,000 lbs NOx/yr) / (100 lbs/1MM scf) = 490.0 MM scf/yr

Total NOx from natural gas use PTE for the Rockmills/ Model MP 350SS boiler (Emission Source ES006, rated at 14.1 MM Btu/hr) = (490.0 MM scf/yr) x (50 lb/MM scft) = 24,500 lb/yr

Parameter Monitored: NATURAL GAS

Upper Permit Limit: 490.0 million standard cubic feet
per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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



Condition 1-6: Capping Monitoring Condition
Effective between the dates of 03/30/2012 and 07/27/2016

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 1-6.1:

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

6 NYCRR Subpart 231-2

Item 1-6.2:

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

Item 1-6.3:

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 1-6.4:

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 1-6.5:

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 1-6.6:

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

Emission Unit: U-00001
Process: P01

Emission Point: C0001
Emission Source: ES006

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

Item 1-6.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: MONITORING OF PROCESS OR CONTROL



DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

To avoid the requirements of Part 231-2, Oxides of Nitrogen emitted from Boiler # 6, the 14.1 MM Btu/hr Rockmills/ Model MP 350SS boiler (Emission Source ES006) shall not exceed 49,000 pounds for any twelve consecutive months. This is equivalent to 890,909 gallons/year. Fuel use records will be maintained for 5 years and used to calculate NOx emissions.

Maximum Fuel use for the Rockmills/ Model MP 350SS boiler (Emission Source ES006, rated at 14.1 MM Btu/hr) = (49,000 lbs NOx/yr) / (55 lbs/1000 gal) = 890,909 gal/year

Parameter Monitored: NUMBER 6 OIL

Upper Permit Limit: 890,909 gallons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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

Condition 1-7: Air pollution prohibited
Effective between the dates of 03/30/2012 and 07/27/2016

Applicable Federal Requirement:6 NYCRR 211.1

Item 1-7.1:

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

Condition 24: Compliance Certification
Effective between the dates of 07/28/2011 and 07/27/2016

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

Item 24.1:

The Compliance Certification activity will be performed for the Facility.

Item 24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person shall use, purchase, sell, or offer for sale

New York State Department of Environmental Conservation

Permit ID: 2-6201-00045/00001

Facility DEC ID: 2620100045



any residual fuel oil which has a sulfur content greater than the limit presented below. A log of the sulfur content in oil per delivery must be maintained on site for a minimum of five years after the date of the last entry.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: RESIDUAL FUEL (#4, #5 AND/OR #6 FUEL OIL)
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.30 percent by weight
Reference Test Method: ASTM Method D4292
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 10/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 25: Compliance Certification
Effective between the dates of 07/28/2011 and 07/27/2016

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

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

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

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

No person will sell, offer for sale, purchase or use any residual oil in New York City which contains sulfur in a quantity exceeding 0.30% by weight. Records of the sulfur content of each delivery must be maintained at the facility for a period of at least five years. These records must be available to the Department upon request during normal business hours.

For emission units subject to Title V, summaries of these records must be included in the semiannual reports and annual compliance certifications.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: NUMBER 6 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.30 percent by weight
Monitoring Frequency: PER DELIVERY

New York State Department of Environmental Conservation

Permit ID: 2-6201-00045/00001

Facility DEC ID: 2620100045



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 10/30/2011.

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

Condition 26: Compliance Certification
Effective between the dates of 07/28/2011 and 07/27/2016

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

Item 26.1:

The Compliance Certification activity will be performed for the Facility.

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: PER DELIVERY

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 27: Compliance Certification
Effective between the dates of 07/28/2011 and 07/27/2016

Applicable Federal Requirement:6 NYCRR 225.1 (a) (3)

Item 27.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

The maximum sulfur content of the # 6 fuel oil will not exceed 0.3 % by weight as verified vendor certification.

New York State Department of Environmental Conservation

Permit ID: 2-6201-00045/00001

Facility DEC ID: 2620100045



No person at a Title V facility will sell, offer for sale, purchase or use any residual oil fuel which contains sulfur in a quantity exceeding the SIP (Part 225-1, Table 1) limitation. This SIP limitation is a federally enforceable. ****NOTE**** If the sulfur-in-fuel limitation contained in Part 225-1, Table 2 is more stringent, then this limitation shall be used for compliance by the New York State Department of Environmental Conservation.

For emission units subject to Title V, summaries of these records must be included in the semiannual reports and annual compliance certifications.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: NUMBER 6 OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.3 percent by weight
Reference Test Method: ASTM Method D4292
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 10/30/2011.
Subsequent reports are due every 6 calendar month(s).

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

Condition 28: Emission Point Definition By Emission Unit
Effective between the dates of 07/28/2011 and 07/27/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 28.1(From Mod 1):

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

Emission Unit: U-00001

Emission Point: C0001

Height (ft.): 500

Length (in.): 48

Width (in.): 48

NYTMN (km.): 4522.1

NYTME (km.): 589.8

Building: 1365 ST. N

Condition 29: Process Definition By Emission Unit
Effective between the dates of 07/28/2011 and 07/27/2016

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 29.1(From Mod 1):



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

Emission Unit: U-00001

Process: P01

Source Classification Code: 1-02-004-02

Process Description:

Process P01 is the firing of # 6 fuel oil in the six steam boilers (Emission Sources ES001, ES002, ES003, ES004, ES005 & ES006) in Emission Unit U-00001. The emissions from all six boilers exit through a common stack identified as Emission Point C0001.

Five Federal boilers (Emission Sources ES001, ES002, ES003, ES004 & ES005) rated at 12.6 MM Btu/hr = 63 MM Btu/hr

Maximum #6 Fuel Oil use for the 5 Federal boilers (Emission Sources ES001, ES002, ES003, ES004 & ES005) = $(63 \text{ MMBtu/hr} \times 1,000,000) / (150 \text{ Btu/gal}) = 420$ galoons/hr

$(420 \text{ gal/hr}) \times (8,760 \text{ hours/year}) = 3,679,200 \text{ gal/year}$

Maximum #6 Oil use for the Rockford boiler (Emission Source ES006, rated at 14.1 MM Btu/hr) = $(49,000 \text{ lbs NOx/yr}) / (55 \text{ lbs/1000 gal}) = 890,909 \text{ gal/year}$

Total Maximum #6 Oil Use PTE for the six boilers = $3,679,200 \text{ gal/year} + 890,909 \text{ gal/year} = 4,570,109 \text{ gal/yr}$

Emission Source/Control: ES001 - Combustion
Design Capacity: 12.6 million Btu per hour

Emission Source/Control: ES002 - Combustion
Design Capacity: 12.6 million Btu per hour

Emission Source/Control: ES003 - Combustion
Design Capacity: 12.6 million Btu per hour

Emission Source/Control: ES004 - Combustion
Design Capacity: 12.6 million Btu per hour

Emission Source/Control: ES005 - Combustion
Design Capacity: 12.6 million Btu per hour

Emission Source/Control: ES006 - Combustion
Design Capacity: 14.1 million Btu per hour



Item 29.2(From Mod 1):

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

Emission Unit: U-00001

Process: P02

Source Classification Code: 1-01-006-02

Process Description:

Process P02 is the firing of natural gas in the six steam boilers (Emission Sources ES001, ES002, ES003, ES004, ES005 & ES006) in Emission Unit U-00001. The emissions from all six boilers exit through a common stack identified as Emission Point C0001.

Five Federal boilers (Emission Sources ES001, ES002, ES003, ES004 & ES005) rated at 12.6 MM Btu/hr = 63 MM Btu/hr

Maximum Natural Gas use for the 5 Federal boilers (Emission Sources ES001, ES002, ES003, ES004 & ES005) =
 $[(63 \text{ MMBtu/hr} \times 1,000,000) / (1050 \text{ Btu/scf} \times 8760 \text{ hrs/yr})] / 1,000,000 = 525.6$
MMscf/yr

Maximum Natural Gas use for the Rockford boiler (Emission Source ES006, rated at 14.1 MM Btu/hr) = $(49,000 \text{ lbs NOx/yr}) / (100 \text{ lbs/1MM scf}) = 490.0$ MM scf/yr

Total Natural Gas Use PTE = $525.6 \text{ MMSCF} + 490.0 \text{ MMscf} = 1,015.6 \text{ MMscf/yr}$

Total NOx from natural gas use PTE = $(1,015.6 \text{ MM scf/yr}) \times (50 \text{ lb/MM scft}) = 251,356 \text{ lb/yr}$

Emission Source/Control: ES001 - Combustion
Design Capacity: 12.6 million Btu per hour

Emission Source/Control: ES002 - Combustion
Design Capacity: 12.6 million Btu per hour

Emission Source/Control: ES003 - Combustion
Design Capacity: 12.6 million Btu per hour

Emission Source/Control: ES004 - Combustion
Design Capacity: 12.6 million Btu per hour

Emission Source/Control: ES005 - Combustion

New York State Department of Environmental Conservation

Permit ID: 2-6201-00045/00001

Facility DEC ID: 2620100045



Design Capacity: 12.6 million Btu per hour

Emission Source/Control: ES006 - Combustion

Design Capacity: 14.1 million Btu per hour

Condition 1-8: Process Permissible Emissions
Effective between the dates of 03/30/2012 and 07/27/2016

Applicable Federal Requirement:6 NYCRR 201-7.2

Item 1-8.1:

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

Emission Unit: U-00001 Process: P01
CAS No: 0NY210-00-0 (From Mod 1)
Name: OXIDES OF NITROGEN
PTE(s): 28.6936 pounds per hour
251,356 pounds per year

Emission Unit: U-00001 Process: P02
CAS No: 0NY210-00-0 (From Mod 1)
Name: OXIDES OF NITROGEN
PTE(s): 11.5936 pounds per hour
101,560 pounds per year

Condition 30: Compliance Certification
Effective between the dates of 07/28/2011 and 07/27/2016

Applicable Federal Requirement:6 NYCRR 227.2 (b) (1)

Item 30.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001
Process: P01

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

Item 30.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The two hour average emission of particulates from this stationary combustion installation shall not exceed 0.10 pounds per million Btu of heat input.

New York State Department of Environmental Conservation

Permit ID: 2-6201-00045/00001

Facility DEC ID: 2620100045



Upon request the facility shall perform the following:

- 1) Submit to the Department an acceptable protocol for the testing of particulate emissions in a manner that will determine compliance with the limit cited in this condition.
- 2) Perform a stack test, based upon the approved test protocol, to determine compliance with the particulate emission limit cited in this condition.
- 3) Submit an acceptable stack test report that outlines the results obtained from the testing done to meet the requirement of #2 above.
- 4) Facility shall keep records of all testing done at this stationary combustion installation for a period of 5 years.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.10 pounds per million Btus

Reference Test Method: EPA RM 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 31: Compliance Certification

Effective between the dates of 07/28/2011 and 07/27/2016

Applicable Federal Requirement:6 NYCRR 227-1.3

Item 31.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001

Emission Point: C0001

Process: P01

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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



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

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

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

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: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2012.



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

Condition 32: Compliance Certification
Effective between the dates of 07/28/2011 and 07/27/2016

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

Item 32.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: C0001
Process: P01

Item 32.2:

Compliance Certification 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: ANNUALLY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 4/30/2012.
Subsequent reports are due every 12 calendar month(s).

Condition 34: EPA Region 2 address.
Effective between the dates of 07/28/2011 and 07/27/2016

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 34.1:

This Condition applies to Emission Unit: U-00001 Emission Point: C0001
Process: P01 Emission Source: ES006

Item 34.2:

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

Director, Division of Enforcement and Compliance Assistance

New York State Department of Environmental Conservation

Permit ID: 2-6201-00045/00001

Facility DEC ID: 2620100045



USEPA Region 2
290 Broadway, 21st Floor
New York, NY 10007-1886

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

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

Condition 35: Recordkeeping requirements.
Effective between the dates of 07/28/2011 and 07/27/2016

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

Item 35.1:

This Condition applies to Emission Unit: U-00001 Emission Point: C0001
Process: P01 Emission Source: ES006

Item 35.2:

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

Condition 36: Availability of information.
Effective between the dates of 07/28/2011 and 07/27/2016

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 36.1:

This Condition applies to Emission Unit: U-00001 Emission Point: C0001
Process: P01 Emission Source: ES006

Item 36.2:

The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by part 2 of this chapter.

Condition 37: Modifications.
Effective between the dates of 07/28/2011 and 07/27/2016

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A

Item 37.1:

New York State Department of Environmental Conservation

Permit ID: 2-6201-00045/00001

Facility DEC ID: 2620100045



This Condition applies to Emission Unit: U-00001 Emission Point: C0001
Process: P01 Emission Source: ES006

Item 37.2:

Within 180 days of the completion of any physical or operational change (as defined in section 60.14), compliance with the applicable standards must be achieved.

Condition 38: Reconstruction.
Effective between the dates of 07/28/2011 and 07/27/2016

Applicable Federal Requirement:40CFR 60.15, NSPS Subpart A

Item 38.1:

This Condition applies to Emission Unit: U-00001 Emission Point: C0001
Process: P01 Emission Source: ES006

Item 38.2:

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

- 1) a notice of intent to reconstruct 60 days prior to the action;
- 2) name and address of the owner or operator;
- 3) the location of the existing facility;
- 4) a brief description of the existing facility and the components to be replaced;
- 5) a description of the existing air pollution control equipment and the proposed air pollution control equipment;
- 6) an estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new facility;
- 7) the estimated life of the facility after the replacements; and
- 8) a discussion of any economic or technical limitations the facility may have in complying with the applicable standards of performance after the proposed replacements.

Condition 39: Exemption from the averaging period.
Effective between the dates of 07/28/2011 and 07/27/2016

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

Item 39.1:

This Condition applies to Emission Unit: U-00001 Emission Point: C0001
Process: P01 Emission Source: ES006

Item 39.2:

New York State Department of Environmental Conservation

Permit ID: 2-6201-00045/00001

Facility DEC ID: 2620100045



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 40: Exemption from sulfur dioxide monitoring requirements.
Effective between the dates of 07/28/2011 and 07/27/2016**

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

Item 40.1:

This Condition applies to Emission Unit: U-00001 Emission Point: C0001
Process: P01 Emission Source: ES006

Item 40.2:

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 41: Compliance Certification
Effective between the dates of 07/28/2011 and 07/27/2016**

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

Item 41.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001 Emission Point: C0001
Process: P01 Emission Source: ES006

Item 41.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner and/or operator of the affected facility shall maintain records containing the following data:

- i) name of the residual oil supplier;
- ii) the location of the oil when the sample was drawn for analysis of the sulfur content of the oil, specifically including whether the oil was sampled as delivered to the affected facility, or whether the sample was drawn from oil storage at the oil supplier's or oil refiner's facility, or other location;
- iii) the sulfur content of the oil from which the shipment came (or of the shipment itself); and
- iv) the method used to determine the sulfur content of the oil.

New York State Department of Environmental Conservation

Permit ID: 2-6201-00045/00001

Facility DEC ID: 2620100045



Monitoring Frequency: PER DELIVERY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 42: Compliance Certification
Effective between the dates of 07/28/2011 and 07/27/2016

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

Item 42.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001	Emission Point: C0001
Process: P01	Emission Source: ES006

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected facility shall record and maintain records of the amounts of each fuel combusted during each day.

Monitoring Frequency: DAILY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 10/30/2011.
Subsequent reports are due every 6 calendar month(s).

Condition 43: Compliance Certification
Effective between the dates of 07/28/2011 and 07/27/2016

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

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: U-00001	Emission Point: C0001
Process: P01	Emission Source: ES006

Item 43.2:

Compliance Certification 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, for determining compliance with the NSPS



requirements.

**** NOTE**** Records shall be maintained for a minimum of five years to achieve compliance with the requirements of Title V.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



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

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

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

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

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

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

Condition 44: Contaminant List
Effective between the dates of 07/28/2011 and 07/27/2016

Applicable State Requirement:ECL 19-0301

Item 44.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

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



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

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

Condition 45: Unavoidable noncompliance and violations
Effective between the dates of 07/28/2011 and 07/27/2016

Applicable State Requirement: 6 NYCRR 201-1.4

Item 45.1:

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

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

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

New York State Department of Environmental Conservation

Permit ID: 2-6201-00045/00001

Facility DEC ID: 2620100045



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 46: Visible Emissions Limited
Effective between the dates of 07/28/2011 and 07/27/2016

Applicable State Requirement:6 NYCRR 211.2

Item 46.1:

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.

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

Condition 47: Compliance Demonstration
Effective between the dates of 07/28/2011 and 07/27/2016

Applicable State Requirement:6 NYCRR 227-2.4 (d)

Item 47.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-00001 Process: P01	Emission Point: C0001 Emission Source: ES001
Emission Unit: U-00001 Process: P01	Emission Point: C0001 Emission Source: ES002
Emission Unit: U-00001 Process: P01	Emission Point: C0001 Emission Source: ES003
Emission Unit: U-00001 Process: P01	Emission Point: C0001 Emission Source: ES004
Emission Unit: U-00001 Process: P01	Emission Point: C0001 Emission Source: ES005
Emission Unit: U-00001 Process: P01	Emission Point: C0001 Emission Source: ES006

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



Item 47.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a small boiler, small combustion turbine, or small internal combustion engine must perform an annual tune-up of their equipment. This tune-up should be performed in accordance with the requirements of the DAR-5 guidance document. Records of each tune-up must be kept on-site for a minimum of five years.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 4/30/2012.

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

