

Facility DEC ID: 7034600160

PERMIT Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type:	Air Title V Facility
Permit ID:	7-0346-00160/00001

Effective Date: 01/21/2014 Expiration Date: 01/20/2019

Permit Issued To:HURON REAL ESTATE ASSOCIATES LLC

1701 NORTH ST ENDICOTT, NY 13760

Contact: JAY SIMONIS

HURON REAL ESTATE ASSOCIATES LLC

1701 NORTH ST ENDICOTT, NY 13760

(607) 755-6179

Facility: HURON CAMPUS

1701 NORTH ST - BLDG 39 ENDICOTT, NY 13760

Description:

Title V Renewal.

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

Permit Administrator: JOSEPH M DLUGOLENSKI

1285 FISHER AVE

CORTLAND, NY 13045-1090

Authorized Signature: ______ Date: ___/ ___/



New York State Department of Environmental Conservation Facility DEC ID: 7034600160

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.



New York State Department of Environmental Conservation Facility DEC ID: 7034600160

LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department Relationship of this Permit to Other Department Orders and Determinations

> Applications for permit renewals, modifications and transfers Permit modifications, suspensions or revocations by the Department

Facility Level

Submission of application for permit modification or renewal-REGION 7 HEADQUARTERS



Facility DEC ID: 7034600160

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

Facility DEC ID: 7034600160

the statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

Condition 4: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

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

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

**** Facility Level ****

Condition 5: Submission of application for permit modification or renewal-REGION 7
HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

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

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



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To:HURON REAL ESTATE ASSOCIATES LLC 1701 NORTH ST

ENDICOTT, NY 13760

Facility: HURON CAMPUS

1701 NORTH ST - BLDG 39 ENDICOTT, NY 13760

Authorized Activity By Standard Industrial Classification Code: 6512 - NONRESIDENTIAL BUILDING OPERATORS

Permit Effective Date: 01/21/2014 Permit Expiration Date: 01/20/2019



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS **Facility Level**

- 1 6 NYCRR 200.6: Acceptable Ambient Air Quality
- 2 6 NYCRR 201-6.4 (a) (7): Fees
- 3 6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
- 4 6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
- 5 6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
- 6 6 NYCRR 201-6.4 (e): Compliance Certification
- 7 6 NYCRR 202-2.1: Compliance Certification
- 8 6 NYCRR 202-2.5: Recordkeeping requirements
- 9 6 NYCRR 215.2: Open Fires Prohibitions
- 10 6 NYCRR 200.7: Maintenance of Equipment
- 11 6 NYCRR 201-1.7: Recycling and Salvage
- 12 6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
- 13 6 NYCRR 201-3.2 (a): Exempt Sources Proof of Eligibility
- 14 6 NYCRR 201-3.3 (a): Trivial Sources Proof of Eligibility
- 15 6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
- 16 6 NYCRR 201-6.4 (a) (8): Right to Inspect
- 17 6 NYCRR 201-6.4 (f) (6): Off Permit Changes
- 18 6 NYCRR 202-1.1: Required Emissions Tests
- 19 40 CFR Part 68: Accidental release provisions.
- 20 40CFR 82, Subpart F: Recycling and Emissions Reduction
- 21 6 NYCRR Subpart 201-6: Emission Unit Definition
- 22 6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
- 23 6 NYCRR 211.1: Air pollution prohibited
- 24 6 NYCRR 227-1.3 (a): Compliance Certification
- 25 6 NYCRR 227-2.4: Compliance Certification
- 26 6 NYCRR 227-2.4: Compliance Certification
- 27 40CFR 60, NSPS Subpart IIII: Applicability
- 28 40CFR 60, NSPS Subpart JJJJ: Applicability
- 29 40CFR 63.7500, Subpart DDDDD: Compliance Certification
- 30 40CFR 63.7500, Subpart DDDDD: Compliance Certification
- 31 40CFR 63.7500, Subpart DDDDD: Compliance Certification
- 32 40CFR 63.7500, Subpart DDDDD: Compliance Certification
- 33 40CFR 63.7510(e), Subpart DDDDD: Compliance Certification
- 34 40CFR 63.7515(d), Subpart DDDDD: Compliance Certification
- 35 40CFR 63.7545(e), Subpart DDDDD: Notification of compliance status
- 36 40CFR 63.7545(h), Subpart DDDDD: Fuel switching notification
- 37 40CFR 63.7550(b), Subpart DDDDD: Compliance Certification
- 38 40CFR 63.7555, Subpart DDDDD: Compliance Certification
- 39 40CFR 63, Subpart ZZZZ: Applicability

Emission Unit Level

- 40 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 41 6 NYCRR Subpart 201-6: Process Definition By Emission Unit



EU=B-39000

42 40CFR 52.21(c), Subpart a: Compliance Certification

EU=B-39000,Proc=OIL

- 43 6 NYCRR 227-1.2 (a): Compliance Certification
- 44 40CFR 52.21(c), Subpart a: Compliance Certification
- 45 40CFR 52, Subpart HH: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS Facility Level

- 46 ECL 19-0301: Contaminant List
- 47 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 48 6 NYCRR 211.2: Visible Emissions Limited
- 49 6 NYCRR 225-1.2: Compliance Demonstration



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

- (a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:
- (1) An emergency occurred and that the facility owner or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated and maintained;
- (3) During the period of the emergency the facility owner or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
- (b) In any enforcement proceeding, the facility owner or operator seeking to establish the occurrence of an emergency has the burden of proof.
- (c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

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

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



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

Item C: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (a) (4)

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

Item D: Certification by a Responsible Official - 6 NYCRR 201-6.2 (d) (12)

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

Item E: Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (a) (2)

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

Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (a) (3)

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

Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (a) (5)

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

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

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

Air Pollution Control Permit Conditions
Renewal 1 Page 5 FINAL



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

Item I: Severability - 6 NYCRR 201-6.4 (a) (9)

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

Item J: Permit Shield - 6 NYCRR 201-6.4 (g)

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

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

Item K: Reopening for Cause - 6 NYCRR 201-6.4 (i)

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

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

Air Pollution Control Permit Conditions Renewal 1 Page 6 FINAL



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



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

(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 01/21/2014 and 01/20/2019

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 01/21/2014 and 01/20/2019

Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (7)

Item 2.1:

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

Condition 3: Recordkeeping and Reporting of Compliance Monitoring

Effective between the dates of 01/21/2014 and 01/20/2019

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

Air Pollution Control Permit Conditions
Renewal 1 Page 8 FINAL



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

Item 3.1:

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

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

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.2 of Part 201.

Condition 4: Records of Monitoring, Sampling, and Measurement

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement: 6 NYCRR 201-6.4 (c) (2)

Item 4.1:

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

Condition 5: Compliance Certification

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement: 6 NYCRR 201-6.4 (c) (3) (ii)

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

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



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

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

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

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



Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.2(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

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

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

All semiannual reports 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 201-6.4(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR) Reports due 30 days after the reporting period. The initial report is due 7/30/2014. Subsequent reports are due every 6 calendar month(s).



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

Condition 6: Compliance Certification

Effective between the dates of 01/21/2014 and 01/20/2019

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

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

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



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

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:

NYSDEC Region 7 Headquarters 615 Erie Boulevard, West Syracuse, NY 13204-2400

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY Reporting Requirements: ANNUALLY (CALENDAR) Reports due 30 days after the reporting period. The initial report is due 1/30/2015. Subsequent reports are due on the same day each year

Condition 7: Compliance Certification

Effective between the dates of 01/21/2014 and 01/20/2019

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 Resources, Bureau of Air Quality Planning, 625 Broadway,

Air Pollution Control Permit Conditions Renewal 1 Page 13 FINAL



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

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 01/21/2014 and 01/20/2019

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 01/21/2014 and 01/20/2019

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.

Renewal 1 Air Pollution Control Permit Conditions
Final Fina



(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
- (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.
- (1) 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 01/21/2014 and 01/20/2019

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 01/21/2014 and 01/20/2019

Applicable Federal Requirement: 6 NYCRR 201-1.7

Item 11.1:

Where practical, the owner or operator of an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

Air Pollution Control Permit Conditions Renewal 1 Page 15 FINAL



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

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

Effective between the dates of 01/21/2014 and 01/20/2019

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 01/21/2014 and 01/20/2019

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

Item 13.1:

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

Condition 14: Trivial Sources - Proof of Eligibility

Effective between the dates of 01/21/2014 and 01/20/2019

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

Item 14.1:

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

Condition 15: Requirement to Provide Information

Effective between the dates of 01/21/2014 and 01/20/2019

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

Item 15.1:

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

Condition 16: Right to Inspect



Effective between the dates of 01/21/2014 and 01/20/2019

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

Item 16.1:

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

- (i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- (ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- (iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and
- (iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 17: Off Permit Changes

Effective between the dates of 01/21/2014 and 01/20/2019

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

Item 17.1:

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

- (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 201-6.4 shall not apply to any change made pursuant to this paragraph.

Condition 18: Required Emissions Tests

Effective between the dates of 01/21/2014 and 01/20/2019



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

Applicable Federal Requirement: 6 NYCRR 202-1.1

Item 18.1:

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 19: Accidental release provisions.

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement:40 CFR Part 68

Item 19.1:

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 20: Recycling and Emissions Reduction

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 20.1:

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

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

Condition 21: Emission Unit Definition

Air Pollution Control Permit Conditions Renewal 1 Page 18 FINAL



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 21.1:

The facility is authorized to perform regulated processes under this permit for: Emission Unit: B-39000

Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF THE FACILITY'S CENTRAL UTILITY PLANT AND ASSOCIATED BOILER SYSTEMS THAT ARE USED TO GENERATE PROCESS STEAM/HEAT FOR THE ENTIRE SITE. THIS UNIT CONSISTS OF FOUR "LARGE" BOILERS THAT USE NATURAL GAS AS A PRIMARY FUEL AND NUMBER 2 FUEL OIL AS AN ALTERNATIVE FUEL.

Building(s): 39

Condition 22: Progress Reports Due Semiannually

Effective between the dates of 01/21/2014 and 01/20/2019

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

Item 22.1:

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

- (i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and
- (ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 23: Air pollution prohibited

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement: 6 NYCRR 211.1

Item 23.1:

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

Condition 24: Compliance Certification Effective between the dates of 01/21/2014 and 01/20/2019

Air Pollution Control Permit Conditions
Renewal 1 Page 19 FINAL



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

Item 24.1:

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

Emission Unit: B-39000 Emission Point: 39001

Process: OIL

Emission Unit: B-39000 Emission Point: 39002

Process: OIL

Emission Unit: B-39000 Emission Point: 39003

Process: OIL

Emission Unit: B-39000 Emission Point: 39004

Process: OIL

Item 24.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one 6 minute period per hour of not more than 27 percent opacity. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

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

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

Records of visible emissions observations (or any



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

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

Parameter Monitored: OPACITY Upper Permit Limit: 20 percent Monitoring Frequency: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9) Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

Compliance Certification Condition 25:

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement: 6 NYCRR 227-2.4

Item 25.1:

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

Emission Unit: B-39000 Emission Point: 39001

Emission Point: 39002 Emission Unit: B-39000

Emission Point: 39003 Emission Unit: B-39000

Emission Unit: B-39000 Emission Point: 39004

Regulated Contaminant(s):

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

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

This condition is applicable prior to July 1, 2014.

- 1. The owner or operator shall not cause or allow emissions of NOx to the atmosphere in excess of: (i) prior to July 1, 2014, 0.30 pounds NOx/mmBtu.
- 2. Compliance with these emission limits must be determined with a one hour average using EPA Method 7E (40 CFR Part 60, Appendix A-4, Method 7E) unless the owner or

Air Pollution Control Permit Conditions Renewal 1 Page 21 FINAL



operator chooses to use a CEMS under the provisions of section 6 NYCRR 227-2.6(b).

- 3. The owner or operator of an emission source required to conduct an emission test must:
- (i) submit a compliance test protocol to the department for approval at least 30 days prior to emission testing. The conditions of the testing and the locations of the sampling devices must be acceptable to the department;
- (ii) follow the procedures set forth in Part 202 of this Title and use method 7E and 19 from 40 CFR part 60, appendix A; and
- (iii) submit a compliance test report containing the results of the emission test to the department for approval no later than 60 days after completion of the emission test.
- 4. On an annual basis, submit to the DEC a report stating whether emission tests have been conducted and if so, the results of such tests.

Parameter Monitored: OXIDES OF NITROGEN Upper Permit Limit: 0.30 pounds per million Btus

Reference Test Method: EPA Method 7E

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 26: Compliance Certification

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement: 6 NYCRR 227-2.4

Item 26.1:

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

Emission Unit: B-39000 Emission Point: 39001

Emission Unit: B-39000 Emission Point: 39002

Emission Unit: B-39000 Emission Point: 39003

Emission Unit: B-39000 Emission Point: 39004

Air Pollution Control Permit Conditions
Renewal 1 Page 22 FINAL



Regulated Contaminant(s):

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

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING Monitoring Description:

This condition is applicable on and after July 1, 2014.

- The owner or operator shall not cause or allow emissions of NOx to the atmosphere in excess of: (ii) on or after July 1, 2014, 0.15 pounds NOx/mmBtu.
- 2. Compliance with these emission limits must be determined with a one hour average using EPA Method 7E (40 CFR Part 60, Appendix A-4, Method 7E) unless the owner or operator chooses to use a CEMS under the provisions of section 6 NYCRR 227-2.6(b).
- The owner or operator of an emission source required to conduct an emission test must:
- (i) submit a compliance test protocol to the department for approval at least 30 days prior to emission testing. The conditions of the testing and the locations of the sampling devices must be acceptable to the department;
- (ii) follow the procedures set forth in Part 202 of this Title and use method 7E and 19 from 40 CFR part 60, appendix A; and
- (iii) submit a compliance test report containing the results of the emission test to the department for approval no later than 60 days after completion of the emission test.
- 4. On an annual basis, submit to the DEC a report stating whether emission tests have been conducted and if so, the results of such tests.

Parameter Monitored: OXIDES OF NITROGEN Upper Permit Limit: 0.15 pounds per million Btus

Reference Test Method: EPA Method 7E

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

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

Condition 27: Applicability

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement: 40CFR 60, NSPS Subpart IIII

Item 27.1:

Facilities that have stationary compression ignition internal combustion engines must comply with applicable portions of 40 CFR 60 Subpart IIII.

Condition 28: Applicability

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement: 40CFR 60, NSPS Subpart JJJJ

Item 28.1:

Facilities that have stationary spark ignition internal combustion engines must comply with applicable portions of 40 CFR 60 subpart JJJJ.

Condition 29: Compliance Certification

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement: 40CFR 63.7500, Subpart DDDDD

Item 29.1:

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

Emission Unit: B-39000 Emission Point: 39001

Emission Unit: B-39000 Emission Point: 39002

Emission Unit: B-39000 Emission Point: 39003

Emission Unit: B-39000 Emission Point: 39004

Regulated Contaminant(s):

CAS No: 0NY507-00-0

40 CFR 63 SUBPART DDDDD TOTAL SELECTED METALS

Item 29.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

For those periods during which any or all of the boilers meet the light liquid fuel subcategory of 40 CFR 63.7499, each such boiler must comply with the following:

Air Pollution Control Permit Conditions
Renewal 1 Page 24 FINAL



- 1. Each boiler must meet the Total Selected Metals emission limit in Table 2 of 40 CFR Part 63, Subpart DDDDD. The owner or operator shall not cause or allow the emission to the atmosphere of TSM in excess of 0.000062 pound per million Btu heat input, or 0.000075 pound per million Btu steam output. Alternatively, the owner or operator shall not cause or allow the emission to the atmosphere from each boiler of particulate matter in excess of 0.0079 pound per million Btu heat input, or 0.0096 pound per million Btu steam output.
- 2. Compliance shall be demonstrated based on a monthly fuel analysis conducted according to a site specific fuel sampling and analysis plan as described in 40 CFR § 63.7521 for each type of fuel burned that is subject to an emission limit. The fuel analysis may be conducted any time within the calendar month as long as the analysis is separated from the previous analysis by at least 14 calendar days. If each of 12 consecutive monthly fuel analyses demonstrates 75 percent or less of the compliance level, the owner or operator may decrease the fuel analysis frequency to quarterly for that fuel. If any quarterly sample exceeds 75 percent of the compliance level or the owner or operator begins burning a new type of fuel, the owner or operator must return to monthly monitoring for that fuel, until 12 months of fuel analyses are again less than 75 percent of the compliance level.
- 3. As an alternative to fuel sampling, the owner or operator may elect to demonstrate complience using stack test methods in accordance with 40 CFR Part 63, Subpart DDDDD.
- 4. The owner or operator shall submit a Compliance Certification Report on a semi-annual basis containing the information required in 40 CFR 63.7550.

Parameter Monitored: 40 CFR 63 SUBPART DDDDD TOTAL SELECTED METALS

Upper Permit Limit: 0.000062 pounds per million Btus Reference Test Method: As approved by the DEC

Monitoring Frequency: MONTHLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

Condition 30: Compliance Certification

Air Pollution Control Permit Conditions Renewal 1 Page 25 FINAL



Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement:40CFR 63.7500, Subpart DDDDD

Item 30.1:

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

Emission Unit: B-39000 Emission Point: 39001

Emission Unit: B-39000 Emission Point: 39002

Emission Unit: B-39000 Emission Point: 39003

Emission Unit: B-39000 Emission Point: 39004

Regulated Contaminant(s):

CAS No: 007439-97-6 MERCURY

Item 30.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

For those periods during which any or all of the boilers meet the light liquid fuel subcategory of 40 CFR 63.7499, each such boiler must comply with the following:

- 1. Each boiler must meet the mercury emission limit in Table 2 of 40 CFR Part 63, Subpart DDDDD. The owner or operator shall not cause or allow the emission to the atmosphere of mercury in excess of 0.0000020 pounds per million Btu heat input or 0.0000025 pounds per million Btu steam output.
- 2. Compliance shall be demonstrated based on a monthly fuel analysis conducted according to a site specific fuel sampling and analysis plan as described in 40 CFR § 63.7521 and 40 CFR Part 63, Subpart DDDDD, Table 6 for each type of fuel burned that is subject to an emission limit. The fuel analysis may be conducted any time within the calendar month as long as the analysis is separated from the previous analysis by at least 14 calendar days. If each of 12 consecutive monthly fuel analyses demonstrates 75 percent or less of the compliance level, the owner or operator may decrease the fuel analysis frequency to quarterly for that fuel. If any quarterly sample exceeds 75 percent of the compliance level or the owner or operator begins burning a new type of fuel, the owner or operator must return to monthly monitoring for that fuel, until 12 months of fuel analyses are again less

Air Pollution Control Permit Conditions Renewal 1 Page 26 FINAL



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

than 75 percent of the compliance level.

3. As an alternative to fuel sampling, the owner or operator may elect to demonstrate complience using stack test methods in accordance with 40 CFR Part 63, Subpart DDDDD.

4. The owner or operator shall submit a Compliance Certification Report on a semi-annual basis containing the information required in 40 CFR 63.7550.

Parameter Monitored: MERCURY

Upper Permit Limit: 0.0000020 pounds per million Btus

Reference Test Method: 40 CFR Part 63, Subpart DDDDD, Table 6

Monitoring Frequency: MONTHLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

Condition 31: Compliance Certification

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement: 40CFR 63.7500, Subpart DDDDD

Item 31.1:

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

Emission Unit: B-39000 Emission Point: 39001

Emission Unit: B-39000 Emission Point: 39002

Emission Unit: B-39000 Emission Point: 39003

Emission Unit: B-39000 Emission Point: 39004

Regulated Contaminant(s):

CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 31.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

For those periods during which any or all of the boilers meet the light liquid fuel subcategory of 40 CFR 63.7499, each such boiler must comply with the following:

Air Pollution Control Permit Conditions
Renewal 1 Page 27 FINAL



- 1. Each boiler must meet the HCl emission limit in Table 2 of 40 CFR Part 63, Subpart DDDDD. The owner or operator shall not cause or allow the emission to the atmosphere of HCl in excess of 0.0011 pounds per million Btu heat input, or 0.0014 pounds per million Btu steam output.
- 2. Compliance shall be demonstrated based on a monthly fuel analysis conducted according to a site specific fuel sampling and analysis plan as described in 40 CFR § 63.7521 and 40 CFR Part 63, Subpart DDDDD, Table 6 for each type of fuel burned that is subject to an emission limit. The fuel analysis may be conducted any time within the calendar month as long as the analysis is separated from the previous analysis by at least 14 calendar days. If each of 12 consecutive monthly fuel analyses demonstrates 75 percent or less of the compliance level, the owner or operator may decrease the fuel analysis frequency to quarterly for that fuel. If any quarterly sample exceeds 75 percent of the compliance level or the owner or operator begins burning a new type of fuel, the owner or operator must return to monthly monitoring for that fuel, until 12 months of fuel analyses are again less than 75 percent of the compliance level.
- 3. The owner or operator shall submit a Compliance Certification Report on a semi-annual basis containing the information required in 40 CFR 63.7550.

Parameter Monitored: HYDROGEN CHLORIDE Upper Permit Limit: 0.0011 pounds per million Btus

Reference Test Method: 40 CFR Part 63, Subpart DDDDD, Table 6

Monitoring Frequency: MONTHLY

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

Condition 32: Compliance Certification

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement: 40CFR 63.7500, Subpart DDDDD

Item 32.1:

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

Emission Unit: B-39000 Emission Point: 39001

Air Pollution Control Permit Conditions Renewal 1 Page 28 FINAL



Emission Unit: B-39000 Emission Point: 39002

Emission Unit: B-39000 Emission Point: 39003

Emission Unit: B-39000 Emission Point: 39004

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING Monitoring Description:

For those periods during which any or all of the boilers meet the light liquid fuel subcategory of 40 CFR 63.7499, each such boiler must comply with the following:

- 1. Each boiler must meet the carbon monoxide emission limit in Table 2 of 40 CFR Part 63, Subpart DDDDD. The owner or operator shall not cause or allow the emission to the atmosphere of CO in excess of 130 ppm corrected to 3% O2 or 0.13 pounds per million Btu steam output.
- 2. Compliance shall be demonstrated based on a stack test as specified in Table 5 and 40 CFR 63.7520 and conducted according to a site specific test plan.
- 3. The owner or operator must install an oxygen analyzer system and operate it in accordance with a site specific O2 monitoring plan pursuant to 40 CFR 63.7505(d).
- 4. The owner or operator must maintain the 30 day average oxygen content at or above the O2 level recorded during the most recent CO test.
- 5. The owner or operator must monitor operating load and must not exceed the maximum operating load as described in 40 CFR Part 63, Subpart DDDDD, Table 7.
- 6. The owner or operator shall submit a Compliance Certification Report on a semi-annual basis containing the information required in 40 CFR 63.7550.

Parameter Monitored: CARBON MONOXIDE Upper Permit Limit: 130 parts per million by volume (dry, corrected to 3% oxygen)

Reference Test Method: 40 CFR Part 63, Subpart DDDDD, Table 5 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

Condition 33: Compliance Certification

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement: 40CFR 63.7510(e), Subpart DDDDD

Item 33.1:

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

Emission Unit: B-39000 Emission Point: 39001

Emission Unit: B-39000 Emission Point: 39002

Emission Unit: B-39000 Emission Point: 39003

Emission Unit: B-39000 Emission Point: 39004

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The boilers are subject to 40 CFR Part 60, Subpart DDDDD, which requires an initial tune-up and an energy assessment.

- 1. The owner or operator shall complete an initial tune up no later than January 31, 2016. The owner or operator shall follow the procedures in 40 CFR 63.7540(a)(10)(i)-(vi).
- 2. The owner or operator shall complete an energy assessment as specified in 40 CFR Part 63, Subpart DDDDD, Table 3, no later than January 31, 2016.
- 3. The owner or operator shall state whether he or she has complied with this requirement in his or her Notification of Compliance Status, which shall be submitted to the DEC and the EPA no later than 60 days after completion of these activities, or 60 days after completion of stack emissions testing, if applicable (required for light liquid fuel subcategory boilers).

Air Pollution Control Permit Conditions Renewal 1 Page 30 FINAL



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 34: Compliance Certification

Effective between the dates of 01/21/2014 and 01/20/2019

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

Item 34.1:

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

Emission Unit: B-39000 Emission Point: 39001

Emission Unit: B-39000 Emission Point: 39002

Emission Unit: B-39000 Emission Point: 39003

Emission Unit: B-39000 Emission Point: 39004

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

Boilers with a heat input capacity of 10 million Btu per hour or greater must conduct an annual tune-up as specified in 40 CFR 63.7540(a)(10) and must be conducted no more than 13 months after the previous tune-up. New or reconstructed boilers must conduct the first annual tune-up no later than 13 months after the initial startup of the affected source.

Monitoring Frequency: ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

Condition 35: Notification of compliance status

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement:40CFR 63.7545(e), Subpart DDDDD

Item 35.1:

Owners and operators that are required to conduct an initial compliance demonstration as specified in 40 CFR 63.7530 must submit a Notification of Compliance Status according to 40 CFR 63.9(h)(2)(ii). For the initial compliance demonstration for each affected source, the owner or operator must submit the Notification of Compliance Status, including all performance test results and fuel analyses, before the close of business on the 60th day following the completion



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

of all performance test and/or other initial compliance demonstrations for the affected source according to 40 CFR 63.10(d)(2). The Notification of Compliance Status report must contain all the information specified in 40 CFR 63.7545(e)(1) through (8), as applicable.

Condition 36: Fuel switching notification

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement: 40CFR 63.7545(h), Subpart DDDDD

Item 36.1:

Owners or operators that have switched fuels or made a physical change that resulted in the applicability of a different subcategory must provide notice of the date upon which the source switched fuels or made the physical change within 30 days of the switch/change. The notification must identify:

- (1) The name of the owner or operator of the affected source, the location of the source, the boiler(s) and process heater(s) that will switch fuels, were physically changed, and the date of the notice.
- (2) The currently applicable subcategory under this subpart.
- (3) The date on which the fuel switch or physical change occurred.

Condition 37: Compliance Certification

Effective between the dates of 01/21/2014 and 01/20/2019

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

Item 37.1:

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

Emission Unit: B-39000 Emission Point: 39001

Emission Unit: B-39000 Emission Point: 39002

Emission Unit: B-39000 Emission Point: 39003

Emission Unit: B-39000 Emission Point: 39004

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Unless the EPA Administrator has approved a different schedule for submission of reports under 40 CFR 63.10(a), the owner or operator must submit each report, according to 40 CFR 63.7550(h), by the date in Table 9 to subpart DDDDD and according to the requirements in (1) through (4). For units that are subject only to a requirement to

Air Pollution Control Permit Conditions Renewal 1 Page 32 FINAL



conduct an annual, biennial, or 5-year tune-up according to 40 CFR 63.7540(a)(10), (11), or (12), respectively, and not subject to emission limits or operating limits, the owner or operator may submit only an annual, biennial, or 5-year compliance report, as applicable, as specified in paragraphs (1) through (4), instead of a semiannual compliance report.

- (1) The first compliance report must cover the period beginning on the compliance date that is specified for each boiler or process heater in 40 CFR 63.7495 and ending on July 31 or January 31, whichever date is the first date that occurs at least 180 days (or 1, 2, or 5 years, as applicable, if submitting an annual, biennial, or 5-year compliance report) after the compliance date that is specified for the owner or operators source in 40 CFR 63.7495.
- (2) The first compliance report must be postmarked or submitted no later than July 31 or January 31, whichever date is the first date following the end of the first calendar half after the compliance date that is specified for each boiler or process heater in 40 CFR 63.7495. The first annual, biennial, or 5-year compliance report must be postmarked or submitted no later than January 31.
- (3) Each subsequent compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31. Annual, biennial, and 5-year compliance reports must cover the applicable 1-, 2-, or 5-year periods from January 1 to December 31.
- (4) Each subsequent compliance report must be postmarked or submitted no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period. Annual, biennial, and 5-year compliance reports must be postmarked or submitted no later than January 31.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 38: Compliance Certification

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement: 40CFR 63.7555, Subpart DDDDD

Item 38.1:

The Compliance Certification activity will be performed for the facility:



The Compliance Certification applies to:

Emission Unit: B-39000 Emission Point: 39001

Emission Unit: B-39000 Emission Point: 39002

Emission Unit: B-39000 Emission Point: 39003

Emission Unit: B-39000 Emission Point: 39004

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES Monitoring Description:

The owner or operator must maintain the following records:

- 1. A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status or semiannual compliance report that you submitted, according to the requirements in § 63.10(b)(2)(xiv).
- 2. Records of performance tests, fuel analyses, or other compliance demonstrations and performance evaluations as required in § 63.10(b)(2)(viii).
- 3. For each unit in the 'units designed to burn gas 1" subcategory in which fuel oil is combusted, the owner or operator must keep records of the total hours per calendar year that fuel oil is burned and the total hours per calendar year that the unit operated during periods of gas curtailment or gas supply emergencies.
- 4. Records of the calendar date, time, occurrence and duration of each startup and shutdown and records of the type(s) and amount(s) of fuels used during each startup and shutdown.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 39: Applicability

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement: 40CFR 63, Subpart ZZZZ



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

Item 39.1:

Facilities that have reciprocating internal combustion engines must comply with applicable portions of 40 CFR 63 subpart ZZZZ.

**** Emission Unit Level ****

Condition 40: Emission Point Definition By Emission Unit

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 40.1:

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

Emission Unit: B-39000

Emission Point: 39001

Height (ft.): 90 Diameter (in.): 54

NYTMN (km.): 4661.9 NYTME (km.): 413.6 Building: 39

Emission Point: 39002

Height (ft.): 90 Diameter (in.): 54

NYTMN (km.): 4661.9 NYTME (km.): 413.6 Building: 39

Emission Point: 39003

Height (ft.): 90 Diameter (in.): 54

NYTMN (km.): 4661.9 NYTME (km.): 413.6 Building: 39

Emission Point: 39004

Height (ft.): 90 Diameter (in.): 54

NYTMN (km.): 4661.9 NYTME (km.): 413.6 Building: 39

Condition 41: Process Definition By Emission Unit

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 41.1:

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

Emission Unit: B-39000

Process: GAS Source Classification Code: 1-02-006-01

Process Description:

Combustion of natural gas in any of four large boilers in

the Central Utility Plant.

Emission Source/Control: S3901 - Combustion Design Capacity: 149.2 million BTUs per hour



Emission Source/Control: S3902 - Combustion Design Capacity: 149.2 million BTUs per hour

Emission Source/Control: S3903 - Combustion Design Capacity: 149.2 million BTUs per hour

Emission Source/Control: S3904 - Combustion Design Capacity: 156.1 million BTUs per hour

Item 41.2:

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

Emission Unit: B-39000

Process: OIL Source Classification Code: 1-02-006-01

Process Description:

Combustion of fuel oil in any of four large boilers in

the Central Utility Plant.

Emission Source/Control: S3901 - Combustion Design Capacity: 149.2 million BTUs per hour

Emission Source/Control: S3902 - Combustion Design Capacity: 149.2 million BTUs per hour

Emission Source/Control: S3903 - Combustion Design Capacity: 149.2 million BTUs per hour

Emission Source/Control: S3904 - Combustion Design Capacity: 156.1 million BTUs per hour

Condition 42: Compliance Certification

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement:40CFR 52.21(c), Subpart a

Item 42.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-39000

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Boiler 4 was installed in 1983. To avoid applicability to PSD, the following fuel use restrictions are applicable:

1. Boiler 1 (S3901) is limited to combusting no more than 1.07 million gallons of oil per year (rolling 12 month period).

Air Pollution Control Permit Conditions Renewal 1 Page 36 FINAL



2. Boiler 2 (S3901) is limited to combusting no more than 1.07 million gallons of oil per year(rolling 12 month period).

- 3. Boiler 3 (S3903) is limited to combusting no more than 762,000 gallons of oil per year (rolling 12 month period).
- 4. Boiler 4 (S3904) is limited to combusting no more than 762,000 gallons of oil per year (rolling 12 month period).
- 5. Boilers 1, 2, and 3 shall not exceed the following fuel use limits:

gas fired, in cubic feet, = -416 x (oil fired, gallons) + 1,422, 725, 638

6. Boiler 4 shall not exceed the following fuel use limit:

gas fired, in cubic feet, = -416 x (oil fired, gallons) + 991,845,674

The owner or operator shall submit to the DEC, on a calendar year basis, a report showing the amount of fuel used for each 12 month rolling period.

Monitoring Frequency: MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 43: Compliance Certification

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement: 6 NYCRR 227-1.2 (a)

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-39000

Process: OIL

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 43.2:

Compliance Certification shall include the following monitoring:

Air Pollution Control Permit Conditions Renewal 1 Page 37 FINAL



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall cause or allow an emission to the outdoor atmosphere of particulates in excess of 0.20 pound per million Btu heat input from Boilers 1-4 at this facility when firing oil.

Compliance shall be demonstrated using test methods approved by the DEC. Testing shall be conducted at the request of the DEC in accordance with a protocol approved by the DEC.

On an annual basis, in the annual certification report, the owner or operator shall state whether a test was conducted, and the results of such testing.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.20 pounds per million Btus

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST

METHOD INDICATED

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 44: Compliance Certification

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement:40CFR 52.21(c), Subpart a

Item 44.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-39000

Process: OIL

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 44.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The fuel oil fired in Boilers 1, 2, 3 and 4 shall contain no more than 0.30 % sulfur, by weight. This condition does not waive the requirement to comply with a more

Air Pollution Control Permit Conditions
Renewal 1 Page 38 FINAL



stringent limit (commencing July 1, 2016) stated elsewhere in this permit.

Compliance shall be determined by fuel sampling and analysis. Oil samples shall be collected for each delivery. The owner or operator shall analyze the fuel oil to determine the sulfur content of the oil. The oil shall be analyzed using ASTM D129-64, ASTM D1552-83, or ASTM D4057-81.

On a calendar year basis, the owner or operator shall submit to the DEC a report stating whether any fuel shipments were recieved, and for each fuel shipment, the results of all fuel sample analyses. Additionally, whenever the owner or operator analyzes fuel oil and the results exceed 0.30 percent by weight, the owner or operator shall submit to the DEC a report of such analyses within 30 days of completeion of such analyses (or within 30 days of receipt of such analysis, if performed by a third party).

Parameter Monitored: SULFUR CONTENT Upper Permit Limit: 0.3 percent by weight

Reference Test Method: ASTM

Monitoring Frequency: PER DELIVERY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY

TIME (INSTANTANEOUS/DISCRETE OR GRAB)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

Condition 45: Compliance Certification

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable Federal Requirement:40CFR 52, Subpart HH

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: B-39000

Process: OIL

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Federal SIP Limit:

Air Pollution Control Permit Conditions Renewal 1 Page 39 FINAL



Pursuant to Section 110 of the Federal Clean Air Act, the EPA approved, as part of New York's State Implementation Plan, a regulation for the control of particulate matter. This requirement was previously cited as 6NYCRR Part 227.2(b)(1) and is listed in the table of EPA-approved New York State regulations sited under 40 CFR 52.1679 Subpart HH. The Department has since revised this rule, changing the applicability criteria and the numerical limits.

This condition requires compliance with the rule as it is contained in the federal SIP.

No person shall cause, permit or allow a two hour average emission into the outdoor atmosphere of particulates in excess of 0.10 pound per million Btu heat input from any oil fired stationary combustion installation. Upon written application, the commissioner may exempt a person from the provisions of this section, when in view of the properties of the emissions, isolated conditions, stack height and other factors, it is clearly demonstrated that the emissions thus permitted will not cause a contravention of established ambient air quality standards.

Compliance shall be demonstrated at least once per permit term using stack emissions testing (RM 5). At the discretion of the DEC, such testing may be waived if none of the four boiler fires fuel oil 168 hours or less in each calendar year. The owner or operator shall follow the notification requirements of 6 NYCRR 202-1.2 and the time frames for submission of the results stated in 6 NYCRR 202-1.3.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.1 pounds per million Btus

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING

DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

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 46: Contaminant List

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable State Requirement: ECL 19-0301

Item 46.1:

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

CAS No: 000630-08-0

Name: CARBON MONOXIDE

Air Pollution Control Permit Conditions Renewal 1 Page 41 FINAL



CAS No: 007439-97-6 Name: MERCURY

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

CAS No: 007647-01-0

Name: HYDROGEN CHLORIDE

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

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY507-00-0

Name: 40 CFR 63 SUBPART DDDDD TOTAL SELECTED METALS

Condition 47: Malfunctions and start-up/shutdown activities

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable State Requirement: 6 NYCRR 201-1.4

Item 47.1:

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



Permit ID: 7-0346-00160/00001 Facility DEC ID: 7034600160

concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

Condition 48: Visible Emissions Limited

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable State Requirement: 6 NYCRR 211.2

Item 48.1:

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

Condition 49: Compliance Demonstration

Effective between the dates of 01/21/2014 and 01/20/2019

Applicable State Requirement: 6 NYCRR 225-1.2

Item 49.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 49.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The fuel oil fired in the boilers is subject to 6 NYCRR 225-1.2.

- 1. The owners and/or operators are limited to the purchase of distillate oil with 0.0015 percent sulfur by weight or less on and after July 1, 2014.
- 2. On and after July 1, 2016, when firing oil in any of the boilers, the owners and/or operators may only fire distillate oil with 0.0015 percent sulfur by weight.
- 3. Compliance shall be determined by keeping the fuel supplier certifications showing that the fuel oil contains less than or equal to 0.0015 percent sulfur by weight. Fuel supplier certifications shall be obtained for each delivery. Alternatively, compliance may be determined through fuel sampling and analysis according to a plan approved by the Department.



- 4. The owners and/or operators must make such records available for inspectiuon by the Department or the EPA.
- 5. Data collected pursuant to this condition must be tabulated and summarized in a form acceptable to the Department, and must be retained for at least five years. The owner of a Title V facility must furnish to the Department such records or summaries, on a semiannual calendar year basis, within 30 days after the end of each semiannual period.
- 6. If the fuel sulfur content exceeds the allowable limit, the owners and/or operators must submit a written report of the fuel sulfur content, and the nature and cause of such excess emission, within 30 days after the end of any quartely period in which fuel oil containing sulfur in excess of this limit is combusted.

Parameter Monitored: SULFUR CONTENT Upper Permit Limit: 0.0015 percent by weight Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

