

New York State Department of Environmental Conservation
Facility DEC ID: 2610200005



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 2-6102-00005/00017
Effective Date: 10/31/2000 Expiration Date: 10/30/2005

Permit Issued To: NYC DEPT OF ENVIRONMENTAL PROTECTION
96-05 HORACE HARDING EXPRESSWAY
FLUSHING, NY 11368

Contact: NYC DEPT OF ENVIRONMENTAL PROTECTION
96-05 HORACE HARDING EXPRESSWAY
FLUSHING, NY 11368
(718) 595-5050

Facility: NYC-DEP OWLS HEAD WPCP
6700 SHORE ROAD
BROOKLYN, NY 11220

Description:

OWLS HEAD WPCP
DEC ID #2610200005/00017

The Owls Head Wastewater Pollution Control Plant (WPCP), located at 6700 Shore Road in Brooklyn, is a 120 million gallon per day publicly owned secondary water pollution control plant. The Standard Industrial Classification (SIC) code is 4952 - Sewerage Systems.

Several emission units exist under this permit. They are as follows:

- * 1-ENGIN (three (3) dual fuel engines each rated at 3174 BHP)
- * 2-WWTRE (treatment processes including headworks, primary settling, aeration, final settling, and chlorine contact)
- * 3-SLUDG (sludge handling processes including gravity thickening, sludge digestion, sludge storage tanks, and digester gas holding tank)
- * 4-RESID (grit and scum residual handling and removing processes)
- * 5-MISC (two (2) waste sludge digester gas burners and two (2) diesel dispensing pumps)

The facility operates other sources which are considered exempt from permitting in accordance with 6NYCRR 201-3.2(c), including five (5) stationary combustion installations with a heat input capacity <10 mmBtu/hr, one (1) 150 bhp engine-generator for emergency power, seven (7) distillate and residual fuel oil storage tanks with storage capacities <300,000 bbls, and five (5) storage tanks with capacities <10,000 gal. Facility operates several activated carbon adsorption units to control odors.

40 CFR 60 Subparts - New Source Performance Standard(NSPS) and 40 CFR 63 Subpart VVV are not applicable to the facility. The Title V permit contains a complete listing of the applicable federal, state, and compliance monitoring requirements for the facility, its emission units and its emission

New York State Department of Environmental Conservation
Facility DEC ID: 2610200005



points.

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

Permit Administrator: **JOHN F. CRYAN**
 ONE HUNTERS POINT PLAZA
 47-40 21ST ST
 LONG ISLAND CITY, NY 11101-5407

Authorized Signature: _____ Date: ___ / ___ / _____



Notification of Other 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, agents, and assigns for all claims, suits, actions, damages, and costs of every name and description, arising out of or resulting from the permittee's undertaking of activities or operation and maintenance of the facility or facilities authorized by the permit in compliance or non-compliance with the terms and conditions of the permit.

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

Facility Inspection by the Department

Relationship of this Permit to Other Department Orders and Determinations

Applications for Permit Renewals and Modifications

Permit Modifications, Suspensions, and Revocations by the Department

Facility Level

Submission of Applications for Permit Modification or Renewal-REGION 2

HEADQUARTERS



DEC GENERAL CONDITIONS

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

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305.

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301.2(m)

Item 2.1:

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

Condition 3: Applications for Permit Renewals and Modifications
Applicable State Requirement: 6NYCRR 621.13(a)

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.

Condition 4: Permit Modifications, Suspensions, and Revocations by the Department
Applicable State Requirement: 6NYCRR 621.14

Item 4.1:

The Department reserves the right to modify, suspend, or revoke this permit. The grounds for

New York State Department of Environmental Conservation
Facility DEC ID: 2610200005



modification, suspension or revocation include:

- a) the scope of the permitted activity is exceeded or a violation of any condition of the permit or provisions of the ECL and pertinent regulations is found;
- b) the permit was obtained by misrepresentation or failure to disclose relevant facts;
- c) new material information is discovered; or
- d) environmental conditions, relevant technology, or applicable law or regulation have materially changed since the permit was issued.

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

Condition 5: Submission of Applications for Permit Modification or Renewal-REGION 2 HEADQUARTERS
Applicable State Requirement: 6NYCRR 621.5(a)

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 2 Headquarters
Division of Environmental Permits
1 Hunters Point Plaza, 4740 21st Street
Long Island City, NY 11101-5407
(718) 482-4997



New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: NYC DEPT OF ENVIRONMENTAL PROTECTION
96-05 HORACE HARDING EXPRESSWAY
FLUSHING, NY 11368

Contact: NYC DEPT OF ENVIRONMENTAL PROTECTION
96-05 HORACE HARDING EXPRESSWAY
FLUSHING, NY 11368
(718) 595-5050

Facility: NYC-DEP OWLS HEAD WPCP
6700 SHORE ROAD
BROOKLYN, NY 11220

Authorized Activity By Standard Industrial Classification Code:
4952 - SEWERAGE SYSTEMS

Permit Effective Date: 10/31/2000

Permit Expiration Date: 10/30/2005



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 Sealing
- 2 Acceptable ambient air quality
- 3 Maintenance of equipment
- 4 Unpermitted Emission Sources
- 5 Unavoidable Noncompliance and Violations
- 6 Emergency Defense
- 7 Recycling and Salvage
- 8 Prohibition of Reintroduction of Collected Contaminants to the Air
- 9 Public Access to Recordkeeping for Title V facilities
- 10 Proof of Eligibility
- 11 Proof of Eligibility
- 12 Applicable Criteria, Limits, Terms, Conditions and Standards
- 13 Cessation or Reduction of Permitted Activity Not a Defense
- 14 Compliance Requirements
- 15 Federally-Enforceable Requirements
- 16 Fees
- 17 Monitoring, Related Recordkeeping and Reporting Requirements
- 18 Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements
- 19 Permit Shield
- 20 Property Rights
- 21 Reopening for Cause
- 22 Right to Inspect
- 23 Severability
- 24 Emission Unit Definition
- 25 Compliance Certification
- 26 Compliance Certification
- 27 Permit Exclusion Provisions
- 28 Non Applicable requirements
- 29 Required emissions tests
- 30 Compliance Certification
- 31 Recordkeeping requirements
- 32 Visible emissions limited.
- 33 Compliance Certification
- 34 Compliance Certification
- 35 Open Fires Prohibited at Industrial and Commercial Sites
- 36 Compliance Certification
- 37 Compliance Certification
- 38 Compliance Certification
- 39 Compliance Certification
- 40 Existing Non-Industrial POTW Treatment Plants

New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005



41 Recycling and Emissions Reduction

Emission Unit Level

42 Emission Point Definition By Emission Unit

43 Process Definition By Emission Unit

44 Compliance Certification (EU=1-ENGIN)

45 Compliance Certification (EU=1-ENGIN)

46 Compliance Certification (EU=1-ENGIN)

47 Compliance Certification (EU=1-ENGIN)

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

48 General Provisions

49 Contaminant List

50 Air pollution prohibited



New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005

FEDERALLY ENFORCEABLE CONDITIONS

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

Condition 1: Sealing

Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 200.5

Item 1.1:

(a) The commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the commissioner issued in the case of the violation. Sealing means labelling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

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

(c) Unless authorized by the commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section

Condition 2: Acceptable ambient air quality

Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 200.6

Item 2.1:

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 3: Maintenance of equipment

Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 200.7

Item 3.1:

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.



New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005

Condition 4: Unpermitted Emission Sources
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-1.2

Item 4.1:

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

- (a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.
- (b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

Condition 5: Unavoidable Noncompliance and Violations
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-1.4

Item 5.1:

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

- (a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit or certificate issued for the corresponding air contamination source. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.
- (b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.



New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005

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

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

Condition 6: Emergency Defense
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-1.5

Item 6.1:

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

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

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

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

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

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

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

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

Condition 7: Recycling and Salvage
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-1.7



New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005

Item 7.1:

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

Condition 8: Prohibition of Reintroduction of Collected Contaminants to the Air

Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-1.8

Item 8.1:

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 9: Public Access to Recordkeeping for Title V facilities

Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-1.10(b)

Item 9.1:

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 6NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Condition 10: Proof of Eligibility

Effective between the dates of 10/31/2000 and 10/30/2005

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

Item 10.1:

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

Condition 11: Proof of Eligibility

Effective between the dates of 10/31/2000 and 10/30/2005

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

Item 11.1:

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part



New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005

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

Condition 12: Applicable Criteria, Limits, Terms, Conditions and Standards
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 12.1:

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

- i. Any reporting requirements and operations under an accidental release plan, response plan, and compliance plan as approved as of the date of the permit issuance, or
- ii. Any support documents submitted as a part of the permit application for this facility as accepted and approved as of the date of permit issuance.

Any noncompliance with the federally-enforceable portions of this permit constitutes a violation of the federal Clean Air Act and will be grounds for enforcement action, for permit termination, revocation and reissuance, or modification, or for denial of a permit renewal application.

Item 12.2:

Any document, including reports, required by the federally-enforceable portions of this permit shall contain a certification by the responsible official for this facility as set forth in Section 201-6.3 that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

Condition 13: Cessation or Reduction of Permitted Activity Not a Defense
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 13.1:

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.

Condition 14: Compliance Requirements
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-6.



New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005

Item 14.1:

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

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

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

Item 14.2:

The permittee shall comply with the approved compliance schedule for this permit if such a schedule is a part of this permit. Risk management plans must be submitted to the Administrator if required by Section 112(r) of the Clean Air Act for this facility.

Item 14.3:

Progress reports consistent with an applicable schedule of compliance must be submitted at least semiannually on a calendar year basis, or at a more frequent period if specified in the applicable requirement or by the Department elsewhere in this permit. These reports shall be submitted to the Department within 30 days after the end of a reporting period. 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 15: Federally-Enforceable Requirements
Effective between the dates of 10/31/2000 and 10/30/2005**

Applicable Federal Requirement: 6NYCRR 201-6.

Item 15.1:

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

New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005



only state regulations.

Condition 16: Fees
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 16.1:

The permittee shall pay the required fees associated with this permit.

Condition 17: Monitoring, Related Recordkeeping and Reporting Requirements
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 17.1:

Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements. Records of all monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, 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 18: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 18.1:

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 relieve the permittee from the requirement to comply with any condition contained in this permit.

The permittee 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. The permittee shall also, on request, furnish the Department with copies of records required to be kept by the permit. Where information is claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

Condition 19: Permit Shield
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-6.

New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005



Item 19.1:

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield. For those facilities for which a permit shield has been granted, 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.

Condition 20: Property Rights

Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 20.1:

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

Condition 21: Reopening for Cause

Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 21.1:

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

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



New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005

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.

Item 21.2:

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.

Item 21.3:

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.

Condition 22: Right to Inspect

Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 22.1:

Upon presentation of credentials and other documents, as may be required by law, the permittee shall allow the Department or an authorized representative to perform the following:

i. Enter upon the permittee's premises where the permitted facility 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 facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and

iv. As authorized by the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 23: Severability

Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 23.1:



New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005

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.

Condition 24: Emission Unit Definition
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 24.1:

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

Emission Unit: 0-5MISC

Emission Unit Description:

THIS UNIT CONSISTS OF THE PLANT'S TWO WASTE SLUDGE DIGESTER GAS BURNERS TO FLARE EXCESSIVE SLUDGE DIGESTER GAS. THIS UNIT ALSO INCLUDES TWO DIESEL DISPENSING PUMPS LOCATED BY THE MAIN BUILDING.

Building(s): MAIN
SLUDGE

Item 24.2:

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

Emission Unit: 1-ENGIN

Emission Unit Description:

THIS EMISSION UNIT CONSISTS OF THREE (3) DELAVAL ENTERPRISE'S DGSR - 48 DUAL FUEL ENGINES ORIGINALLY INSTALLED IN 1988 TO REPLACE SIX OLD ENGINES. THESE ENGINES ARE EACH RATED AT 2250 KW/WITH 3174 BHP. EACH ENGINE EXHAUSTS THROUGH TWO STACKS. THE NORMAL OPERATION IS ONE ENGINE FIRES DIGESTER GAS WITH DIESEL PILOT DUAL FUEL AT 2000 KW WITH 2821 BHP. AT THE MAXIMUM TWO ENGINES WILL BE OPERATED AT A TIME AND AT THE LEAST ONE ENGINE SHOULD BE ON STANDBY AT ALL TIMES. THESE ENGINES ARE CURRENTLY UNDERGOING MODIFICATION OF THEIR COMBUSTION CONTROLS.

Building(s): MAIN

Item 24.3:

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

Emission Unit: 2-WWTRE

Emission Unit Description:

THIS UNIT CONSISTS OF THE PLANT'S WASTEWATER TREATMENT PROCESSES. THESE



New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005

PROCESSES INCLUDE HEADWORKS, PRIMARY SETTLING, AERATION, FINAL SETTLING, AND CHLORINE CONTACT. EXCEPT FOR THE HEADWORKS THE OTHER PROCESSES ARE ALL OUTDOOR AND IN LARGE TANKS. ONE PASSIVE ACTIVATED CARBON SYSTEM IS CONNECTED TO THE HEADWORK VENTILATION DUCT FOR H₂S ODOR CONTROL. EMISSIONS FROM THESE PROCESSES DEPEND ON THE CONCENTRATIONS OF POLLUTANTS OF CONCERN IN THE PLANT'S INFLUENT OF WHICH THE PLANT DOES NOT HAVE COMPLETE CONTROL. EMISSIONS ARE BASED ON CURRENTLY AVAILABLE DATA.

Building(s): MAIN

Item 24.4:

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

Emission Unit: 3-SLUDG

Emission Unit Description:

THIS UNIT CONSISTS OF THE PLANT'S SLUDGE HANDLING PROCESSES. THESE PROCESSES INCLUDE GRAVITY THICKENING, SLUDGE DIGESTION, SLUDGE STORAGE TANKS AND SLUDGE DIGESTER GAS HOLDING TANK. ACTIVATED CARBON ADSORBER SYSTEMS ARE INSTALLED AT THE GRAVITY THICKENING PROCESS FOR H₂S ODOR CONTROL FROM JUNE THROUGH OCTOBER. PASSIVE CARBON CANISTERS ARE INSTALLED AT SOME OTHER LOCATIONS FOR H₂S ODOR CONTROL PURPOSE.

Building(s): SLUDGE

Item 24.5:

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

Emission Unit: 4-RESID

Emission Unit Description:

THIS UNIT CONSISTS OF THE PLANT'S GRIT AND SCUM RESIDUAL HANDLING AND REMOVING PROCESSES WITHIN THE GRIT AND SCUM BUILDING. AN ACTIVATED CARBON ADSORPTION VESSEL IS INSTALLED TO PROVIDE TO THE BUILDING VENTILATION AIR H₂S ODOR CONTROL FROM JUNE THROUGH OCTOBER.

Building(s): GSB

Condition 25: Compliance Certification



New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005

Effective between the dates of 10/31/2000 and 10/30/2005

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

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

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

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



New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005

contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR YEAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

Condition 26: Compliance Certification
Effective between the dates of 10/31/2000 and 10/30/2005

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

Item 26.1:

The Compliance Certification activity will be performed for the Facility.

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Compliance certifications shall contain the following information:

- the identification of each term or condition of the permit that is the basis of the certification;
- the compliance status;
- whether compliance was continuous or intermittent;
- the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
- such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions;
- and
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

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

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



New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005

representative for the Administrator, at the following address:

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

The address for the RAPCE is as follows:

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

The address for the BCME is as follows:

NYSDEC
Bureau of Compliance Monitoring
and Enforcement
50 Wolf Road
Albany, NY 12233-3258

Reporting Requirements: ANNUALLY (CALENDAR YEAR)
Reports due by January 30th for previous calendar year

Condition 27: Permit Exclusion Provisions
Effective between the dates of 10/31/2000 and 10/30/2005

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

Item 27.1:

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 currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR), and particularly any such enforcement action as may be authorized pursuant to 6 NYCRR 201-1.2 and 6 NYCRR 201-6.5(g).

The issuance of this permit by the Department and the receipt thereof by the Applicant does not supercede, revoke or rescind an order or modification thereof on consent or determination by the Commissioner issued heretofore by the Department or any of the terms, conditions or requirements contained in such order or modification thereof unless specifically intended by this permit.

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 the right of the Department to bring any future action, or pursue any pending action, either administrative or judicial, to required



New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005

remediation, contribution for costs incurred or funds expended, for any violations, past, present or future, known or unknown, of applicable federal law, the ECL, or the rules and regulations promulgated thereunder, or conditions contained in any other licenses or permits issued to the Applicant and not addressed in this permit.

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 the right of the Department to pursue any claims for natural resource damages against the Applicant.

Condition 28: Non Applicable requirements
Effective between the dates of 10/31/2000 and 10/30/2005

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

Item 28.1:

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

Condition 29: Required emissions tests
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 202-1.1

Item 29.1:

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

Condition 30: Compliance Certification
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 202-2.1

Item 30.1:

The Compliance Certification activity will be performed for the Facility.

Item 30.2:

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.

New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005



Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR YEAR)

Reports due by April 15th for previous calendar year

Condition 31: Recordkeeping requirements

Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 202-2.5

Item 31.1:

(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 32: Visible emissions limited.

Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 211.3

Item 32.1:

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 33: Compliance Certification

Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 211.3

Item 33.1:

The Compliance Certification activity will be performed for the Facility.

Item 33.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Except as permitted by a specific part of Title 6 of the
NYCRR, no person shall cause or allow any air

New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005



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.

Operators of air contamination sources that are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

1) Observe the stack(s) or vent(s) once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

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

- weather condition
- was a plume observed?

This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days, then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

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

New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005



stack.

Parameter Monitored: OPACITY

Upper Limit of Monitoring: 57 percent

Monitoring Frequency: AS REQUIRED - SEE MONITORING
DESCRIPTION

Averaging Method: ONE CONTINUOUS 6-MINUTE PERIOD PER
HOUR

Reporting Requirements: SEMI-ANNUALLY (CALENDAR YEAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

Condition 34: Compliance Certification
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 211.3

Item 34.1:

The Compliance Certification activity will be performed for the Facility.

Item 34.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Except as permitted by a specific part of Title 6 of the NYCRR, 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.

Operators of air contamination sources that are not exempt from permitting and where a continuous opacity monitor is not utilized for measuring smoke emissions, shall be required to perform the following:

1) Observe the stack(s) or vent(s) once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

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

- weather condition

New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005



- was a plume observed?

This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days, then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

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

Parameter Monitored: OPACITY

Upper Limit of Monitoring: 20 percent

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Averaging Method: 6 MINUTE AVERAGE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR YEAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

**Condition 35: Open Fires Prohibited at Industrial and Commercial Sites
Effective between the dates of 10/31/2000 and 10/30/2005**

Applicable Federal Requirement: 6NYCRR 215.

Item 35.1:

No person shall burn, cause, suffer, allow or permit the burning in an open fire of garbage, rubbish for salvage, or rubbish generated by industrial or commercial activities.

**Condition 36: Compliance Certification
Effective between the dates of 10/31/2000 and 10/30/2005**

New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005



Applicable Federal Requirement: 6NYCRR 225-1.8

Item 36.1:

The Compliance Certification activity will be performed for the Facility.

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Upon request the owner or operator of a facility which purchases and fires coal or oil shall submit reports to the commissioner containing a fuel analysis, information on the quantity of the fuel received, burned, and results of any stack sampling, stack monitoring and any other procedures to ensure compliance with the provisions of 6 NYCRR Part 225-1. All records shall be available for a minimum of three years.

Monitoring Frequency: PER DELIVERY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR YEAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

Condition 37: Compliance Certification

Effective between the dates of 10/31/2000 and 10/30/2005

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

Item 37.1:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant:

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

ALL NYC SERVICE CONTRACTS REQUIRE SUPPLIERS TO PROVIDE FUEL OILS THAT MEET THE LOW SULFUR CONTENT REQUIREMENT OF 0.2% BY WEIGHT FOR DISTILLATE FUEL OILS. MONITORING W/B DONE RANDOMLY CITYWIDE BY THE NYC DEPT OF CITYWIDE ADMINISTRATIVE

New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005



SERVICES.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Limit of Monitoring: 0.2 percent by weight

Reference Test Method: ASTM D4951

Monitoring Frequency: AS REQUIRED - SEE MONITORING

DESCRIPTION

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

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 11/29/2001 for the period 10/31/2000 through 10/30/2001

Condition 38: Compliance Certification
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 227-2.6(c)(2)

Item 38.1:

The Compliance Certification activity will be performed for the Facility.

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall submit a compliance test protocol to the Department for approval at least 90 days prior to emission testing. The conditions of the testing and the locations of the sampling devices must be acceptable to the the Department.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 39: Compliance Certification
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 227-2.6(c)(2)

Item 39.1:

The Compliance Certification activity will be performed for the Facility.

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005

Owners or operators shall utilize stack test Method 7, 7E, or 19 from 40 CFR Part 60, Appendix A or another reference test Method approved by the Department. Internal combustion engines are required to perform only an initial stack test, to determine compliance with their NOx limit.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 40: Existing Non-Industrial POTW Treatment Plants
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 40CFR 63.1586, Subpart VVV

Item 40.1:

40CFR63 Subpart VVV imposes no control requirements for existing non-industrial POTW treatment plants.

Condition 41: Recycling and Emissions Reduction
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 41.1:

The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVAC's in Subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR Part 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR Part 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR Part 82.161.
- d. Persons disposing of small appliances, MVAC's, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR Part 82.166. ("MVAC-like appliance as defined at 40 CFR Part 82.152)
- e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR Part 82.156.
- f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR Part 82.166.

New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005



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

Condition 42: Emission Point Definition By Emission Unit
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 42.1:

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

Emission Unit: 0-5MISC

Emission Point: 5FLA1

Height (ft.): 36

Diameter (in.): 29

NYTMN (km.): 4499.623 NYTME (km.): 581.733 Building: SLUDGE

Emission Point: 5FLA2

Height (ft.): 36

Diameter (in.): 29

NYTMN (km.): 4499.623 NYTME (km.): 581.733 Building: SLUDGE

Item 42.2:

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

Emission Unit: 1-ENGIN

Emission Point: 1ENG1

Height (ft.): 50

Diameter (in.): 20

NYTMN (km.): 4499.623 NYTME (km.): 581.733 Building: MAIN

Emission Point: 1ENG2

Height (ft.): 50

Diameter (in.): 20

NYTMN (km.): 4499.623 NYTME (km.): 581.733 Building: MAIN

Emission Point: 1ENG3

Height (ft.): 50

Diameter (in.): 20

NYTMN (km.): 4499.623 NYTME (km.): 581.733 Building: MAIN

Emission Point: 1ENG4

Height (ft.): 50

Diameter (in.): 20

NYTMN (km.): 4499.623 NYTME (km.): 581.733 Building: MAIN

Emission Point: 1ENG5

Height (ft.): 50

Diameter (in.): 20

NYTMN (km.): 4499.623 NYTME (km.): 581.733 Building: MAIN

Emission Point: 1ENG6

Height (ft.): 50

Diameter (in.): 20



New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005

NYTMN (km.): 4499.623 NYTME (km.): 581.733 Building: MAIN

Item 42.3:

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

Emission Unit: 2-WWTRE

Emission Point: 2WWEL

Height (ft.): 34

Diameter (in.): 10

NYTMN (km.): 4499.623 NYTME (km.): 581.733 Building: MAIN

Item 42.4:

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

Emission Unit: 3-SLUDG

Emission Point: 3GT01

Height (ft.): 34

Diameter (in.): 66

NYTMN (km.): 4499.623 NYTME (km.): 581.733 Building: SLUDGE

Emission Point: 3GT02

Height (ft.): 34

Diameter (in.): 66

NYTMN (km.): 4499.623 NYTME (km.): 581.733 Building: SLUDGE

Item 42.5:

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

Emission Unit: 4-RESID

Emission Point: 4GSB1

Height (ft.): 22

Length (in.): 36

Width (in.): 24

NYTMN (km.): 4499.623 NYTME (km.): 581.733 Building: GSB

Condition 43: Process Definition By Emission Unit

Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-6.

Item 43.1:

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

Emission Unit: 0-5MISC

Process: DDP

Source Classification Code: 4-06-006-51

Process Description:

THIS PROCESS IS THE PLANT'S TWO GROUND LEVEL DIESEL DISPENSING PUMPS LOCATED BY THE MAIN BUILDING. EACH PUMP HAS A 1,000-GAL. UNDERGROUND TANK THAT IS

New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005



EXEMPTED.

Emission Source/Control: DPUMP - Process

Item 43.2:

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

Emission Unit: 0-5MISC

Process: FLA

Source Classification Code: 5-01-007-89

Process Description:

THIS PROCESS IS THE PLANT'S TWO WASTE SLUDGE DIGESTER GAS BURNERS. AT TIMES THAT THE SLUDGE DIGESTER GAS PRODUCED AT THE PLANT IS MORE THAN THE DEMAND OF THE PLANT'S ENGINES AND BOILERS, THE EXCESSIVE SLUDGE DIGESTER GAS WILL BE BURNED AT THE TWO WASTE GAS BURNERS.

Emission Source/Control: WDGB1 - Combustion

Emission Source/Control: WDGB2 - Combustion

Item 43.3:

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

Emission Unit: 1-ENGIN

Process: DIE

Source Classification Code: 2-02-004-01

Process Description:

THIS PROCESS IS A SUPPLEMENTAL OPERATION MODE TO THE PROCESS DUA. WHEN THE ENGINES CAN'T BE OPERATED ON DUAL FUEL MODE, THESE ENGINES WILL FIRE 100% DIESEL. AT ALL TIMES, AT LEAST ONE ENGINE IS KEPT OFF-LINE FOR STANDBY PURPOSES. THE ANNUAL TOTAL THRUPUT IS DETERMINED FOR TWO ENGINES IN OPERATION.

Emission Source/Control: 0ENG1 - Combustion

Design Capacity: 3,174 horsepower (mechanical)

Emission Source/Control: 0ENG2 - Combustion

Design Capacity: 3,174 horsepower (mechanical)

Emission Source/Control: 0ENG3 - Combustion

Design Capacity: 3,174 horsepower (mechanical)

Item 43.4:

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

New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005



Emission Unit: 1-ENGIN

Process: DUA

Source Classification Code: 2-02-004-02

Process Description:

THIS PROCESS IS THE ENGINES' PRIMARY OPERATION MODE. UNDER THIS PROCESS, THE ENGINES FIRE DUAL FUEL (SLUDGE DIGESTER GAS WITH DIESEL OIL AS PILOT FUEL). AT ALL TIMES, AT THE LEAST ONE ENGINE IS KEPT OFF LINE FOR STANDBY PURPOSES. THE ANNUAL TOTAL THRUPUT IS DETERMINED FOR TWO ENGINES IN OPERATION.

Emission Source/Control: 0ENG1 - Combustion

Design Capacity: 3,174 horsepower (mechanical)

Emission Source/Control: 0ENG2 - Combustion

Design Capacity: 3,174 horsepower (mechanical)

Emission Source/Control: 0ENG3 - Combustion

Design Capacity: 3,174 horsepower (mechanical)

Item 43.5:

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

Emission Unit: 2-WWTRE

Process: OAS

Source Classification Code: 5-01-007-31

Process Description:

THIS IS THE PLANT'S WASTEWATER DIFFUSED AIR ACTIVATED SLUDGE (AS) SECONDARY TREATMENT PROCESS. THIS PROCESS INCLUDES FOUR DIFFUSED AIR ACTIVATED SLUDGE AERATION TANKS. THE TOTAL THRUPUT IS BASED ON DRY WEATHER FLOW.

Emission Source/Control: 000AT - Process

Design Capacity: 120,000,000 gallons per day

Item 43.6:

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

Emission Unit: 2-WWTRE

Process: OCC

Source Classification Code: 5-01-007-60

Process Description:

THIS IS THE PLANT'S CHLORINE CONTACT (CC) DISINFECTION PROCESS. THIS PROCESS INCLUDES TWO CHLORINE CONTACT TANKS. THE TOTAL THRUPUT IS BASED ON DRY WEATHER

New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005



FLOW.

Emission Source/Control: 00CCT - Process
Design Capacity: 120,000,000 gallons per day

Item 43.7:

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

Emission Unit: 2-WWTRE
Process: 0FS
Source Classification Code: 5-01-007-40
Process Description:
THIS IS THE PLANT'S FINAL SETTLING (FS) PROCESS. THIS PROCESS INCLUDES SIXTEEN FINAL SETTLING TANKS. THE TOTAL THRUPUT IS BASED ON DRY WEATHER FLOW.

Emission Source/Control: 00FST - Process
Design Capacity: 120,000,000 gallons per day

Item 43.8:

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

Emission Unit: 2-WWTRE
Process: 0HW
Source Classification Code: 5-01-007-07
Process Description:
THIS PROCESS IS THE PLANT'S PRETREATMENT HEADWORKS (HW) PROCESS INCLUDING FOUR BAR SCREENING CHAMBERS. A PASSIVE ACTIVATED CARBON ADSORPTION UNIT IS CONNECTED TO THE VENTILATION DUCT FOR H2S ODOR CONTROL. THE TOTAL THRUPUT IS BASED ON DRY WEATHER FLOW.

Emission Source/Control: SCREN - Process
Design Capacity: 120,000,000 gallons per day

Item 43.9:

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

Emission Unit: 2-WWTRE
Process: 0PS
Source Classification Code: 5-01-007-20
Process Description:
THIS PROCESS IS THE PLANT'S WASTEWATER PRIMARY SETTLING (PS) PROCESS. THIS PROCESS INCLUDES FOUR PRIMARY SETTLING TANKS. THE TOTAL THRUPUT IS BASED ON DRY WEATHER FLOW.



New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005

Emission Source/Control: 00PST - Process
Design Capacity: 120,000,000 gallons per day

Item 43.10:

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

Emission Unit: 3-SLUDG
Process: OSS
Source Classification Code: 5-01-007-99
Process Description:
THIS PROCESS IS THE SLUDGE STORAGE (SS) PROCESS CONSISTING OF TWO SLUDGE STORAGE TANKS. EXHAUST FROM EACH OF THESE TANKS SPLITS INTO TWO ACTIVATED CARBON ADSORPTION SYSTEMS. EACH ACTIVATED CARBON ADSORPTION SYSTEM HAS TWO 50-GALLON CANISTERS IN SERIES FILLED WITH ACTIVATED CARBON FOR H2S ODOR CONTROL. THE TOTAL THRUPUT IS ESTMATED BASED ON OPERATIONAL DATA 7/1996-6/1998.

Emission Source/Control: 00SST - Process
Design Capacity: 135,550 cubic feet

Item 43.11:

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

Emission Unit: 3-SLUDG
Process: DGH
Source Classification Code: 5-01-007-99
Process Description:
THIS PROCESS IS THE PLANT'S SLUDGE DIGESTER GAS HOLDING TANK. THE TOTAL THRUPUT IS ESTIMATED BASED ON OPERATIONAL DATA 7/1996-6/1998.

Emission Source/Control: 0DGHT - Process
Design Capacity: 100,000 cubic feet

Item 43.12:

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

Emission Unit: 3-SLUDG
Process: SAD f0
Source Classification Code: 5-01-007-71
Process Description:
THIS PROCESS IS THE SLUDGE ANAEROBIC DIGESTERS PROCESS CONSISTING OF SIX CONE SLUDGE DIGESTER TANKS. EXHAUST FROM EACH OF THESE TANKS SPLITS INTO TWO PASSIVE 50-GALLON CANISTERS FILLED WITH ACTIVATED



New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005

CARBON FOR H2S ODOR CONTROL PURPOSE. THE
TOTAL THRUPUT IS ESTIMATED BASED ON
OPERATIONAL DATA 7/1996-6/1997.

Emission Source/Control: 00ADT - Process
Design Capacity: 66,978 cubic feet

Item 43.13:

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

Emission Unit: 3-SLUDG
Process: SCS
Source Classification Code: 5-01-007-99
Process Description: This process is the sludge cake storage

Emission Source/Control: 00SST - Process
Design Capacity: 135,550 cubic feet

Item 43.14:

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

Emission Unit: 3-SLUDG
Process: SDW
Source Classification Code: 5-01-007-92
Process Description:
This process is the sludge dewatering process at the
facility

Emission Source/Control: 00DGHT - Process
Design Capacity: 100,000 cubic feet

Item 43.15:

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

Emission Unit: 3-SLUDG
Process: SGT
Source Classification Code: 5-01-007-71
Process Description:
THIS PROCESS IS THE SLUDGE GRAVITY
THICKENING (SGT) PROCESS CONSISTING OF FOUR
SLUDGE THICKENING TANKS. TWO ACTIVATED
CARBON SYSTEMS ARE INSTALLED FOR H2S ODOR
CONTROL. EACH OF THESE ACTIVATED CARBON
ADSORPTION SYSTEMS HAS FOUR INDIVIDUAL
CARBON VESSELS AND SHARE THE EXHAUST STACK.
DURING JUNE THROUGH OCTOBER, ONE SYSTEM IS
IN OPERATION AND THE OTHER IS STANDBY. THE
TOTAL THRUPUT IS ESTIMATED BASED ON THE
OPERATIONAL DATA 7/1996-6/1998.

Emission Source/Control: 00GTT - Process



New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005

Design Capacity: 10,500 cubic feet per minute

Item 43.16:

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

Emission Unit: 4-RESID

Process: OGS

Source Classification Code: 5-01-007-99

Process Description:

THIS PROCESS IS THE PLANT'S GRIT & SCUM REMOVING PROCESS WITHIN THE GRIT & SCUM BUILDING. AN ACTIVATED CARBON ADSORPTION SYSTEM IS INSTALLED AT THE GRIT AND SCUM BUILDING VENTILATION AIR TO PROVIDE H₂S ODOR CONTROL FROM JUNE THROUGH OCTOBER. THE TOTAL THRUPUT IS BASED ON THE CARBON ADSORPTION SYSTEM'S DESIGNED AIR FLOW CAPACITY.

Emission Source/Control: 00GS1 - Process

Design Capacity: 17,500 cubic feet per minute

Condition 44: Compliance Certification
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable Federal Requirement: 6NYCRR 201-6.5

Item 44.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-ENGIN

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The Facility is restricted to operating only 2 of the 3 engines described in emission unit 1-ENGIN at any one time. In the event that it becomes necessary to bring a 3rd engine on-line, the facility must notify NYSDEC and submit potential to emit (PTE) calculations for review.

Monitoring Frequency: AS REQUIRED - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 45: Compliance Certification
Effective between the dates of 10/31/2000 and 10/30/2005



Applicable Federal Requirement: 6NYCRR 227-1.3

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-ENGIN

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

- weather condition
- was a plume observed?

This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) two consecutive days firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions

New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005



or future compliance schedules shall be presented to the Department for acceptance.

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

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR YEAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

Condition 46: Compliance Certification
Effective between the dates of 10/31/2000 and 10/30/2005

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

Item 46.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-ENGIN

Regulated Contaminant:

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

NOx emission limit for a lean burn internal combustion engine which fires other or multiple fuels. Stack testing will be required in order to demonstrate compliance with the regulatory standard.

Parameter Monitored: OXIDES OF NITROGEN

Upper Limit of Monitoring: 9.0 grams per brake horsepower-hour

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005

Condition 47: Compliance Certification

Effective between the dates of 10/31/2000 and 10/30/2005

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

Item 47.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-ENGIN

Item 47.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

Parameter Monitored: OPACITY

Upper Limit of Monitoring: 20 percent

Monitoring Frequency: DAILY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR YEAR)

Reports due 30 days after every 6 calendar months (January - June, July - December)

New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005



STATE ONLY ENFORCEABLE CONDITIONS

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

Condition 48: General Provisions
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable State Requirement: 6NYCRR 201-5.

Item 48.1:

This section contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

Item 48.2:

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.

Item 48.3:

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

Condition 49: Contaminant List
Effective between the dates of 10/31/2000 and 10/30/2005

Applicable State Requirement: 6NYCRR 201-5.3(b)

Item 49.1:

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

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

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

Condition 50: Air pollution prohibited
Effective between the dates of 10/31/2000 and 10/30/2005

New York State Department of Environmental Conservation

Permit ID: 2-6102-00005/00017

Facility DEC ID: 2610200005



Applicable State Requirement: 6NYCRR 211.2

Item 50.1:

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.