



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 4-0101-00020/00012
Mod 0 Effective Date: 09/18/2015 Expiration Date: 09/17/2020
Mod 1 Effective Date: 06/21/2016 Expiration Date: 09/17/2020

Permit Issued To: ALBANY COUNTY SEWER DISTRICT
1 CANAL RD S
MENANDS, NY 12204

Contact: Timothy Murphy
PO Box 4187
Albany, NY 12204
(518) 447-1614

Facility: ALBANY COUNTY SEWER DISTRICT - SOUTH PLANT
209 CHURCH ST
ALBANY, NY 12204

Contact: Timothy Murphy
PO Box 4187
Albany, NY 12204
(518) 447-1614

Description:
This project consists of a minor modification to the Title V permit for Albany County Sewer District - South Plant in order to incorporate operating limits established during the facility's initial performance test. Those limits include: the minimum incinerator temperature, minimum scrubber pressure drop, minimum scrubber flow, and scrubber outlet pH.

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: JAMES J ELDRED
NYSDEC - REGION 4
1130 N WESTCOTT RD
SCHENECTADY, NY 12306

Authorized Signature: _____ Date: ___ / ___ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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



DEC GENERAL CONDITIONS

**** General Provisions ****

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

Permits are transferrable with the approval of the department unless specifically prohibited by



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

Condition 1-1: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6 NYCRR 621.11

Item 1-1.1:

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

Item 1-1.3:

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

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

Item 4.1:

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

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 4 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 4 Headquarters
Division of Environmental Permits
1130 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069

New York State Department of Environmental Conservation

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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To:ALBANY COUNTY SEWER DISTRICT
1 CANAL RD S
MENANDS, NY 12204

Facility: ALBANY COUNTY SEWER DISTRICT - SOUTH PLANT
209 CHURCH ST
ALBANY, NY 12204

Authorized Activity By Standard Industrial Classification Code:
4953 - REFUSE SYSTEMS

Mod 0 Permit Effective Date: 09/18/2015

Permit Expiration Date: 09/17/2020

Mod 1 Permit Effective Date: 06/21/2016

Permit Expiration Date: 09/17/2020



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 212.6 (a): Compliance Certification
- 25 6 NYCRR 225-1.2 (f): Compliance Certification
- 26 6 NYCRR 225-1.2 (g): Compliance Certification
- 27 6 NYCRR 225-1.2 (h): Compliance Certification
- 28 6 NYCRR 225-1.6 (f): Compliance Certification
- 29 40CFR 60, NSPS Subpart A: Applicability of Subpart A General Provisions
- 30 40CFR 60.5130, Subpart MMMM: Compliance Certification
- 31 40CFR 60.5235(b), NSPS Subpart MMMM: Initial Compliance Report
- 32 40CFR 60.5235(c), NSPS Subpart MMMM: Compliance Certification
- 33 40CFR 60.5235(d), NSPS Subpart MMMM: Compliance Certification
- 34 40CFR 63.6604, Subpart ZZZZ: Fuel requirements for existing emergency stationary CI RICE
- 35 40CFR 63.6640(a), Subpart ZZZZ: Compliance Certification
- 36 40CFR 63.6640(f), Subpart ZZZZ: Compliance Certification

Emission Unit Level

- 37 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 38 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=1-GEN01

- 39 6 NYCRR 227-1.3 (a): Compliance Certification

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- 40 40CFR 63.6603(a), Subpart ZZZZ: Compliance Certification
- 41 40CFR 63.6625(e), Subpart ZZZZ: Compliance Certification
- 42 40CFR 63.6625(h), Subpart ZZZZ: Compliance Certification
- 43 40CFR 63.6625(i), Subpart ZZZZ: Compliance Certification
- 44 40CFR 63.6640(b), Subpart ZZZZ: Deviations and catalyst changing provisions for lean burn and compression ignition engines
- 45 40CFR 63.6650(h), Subpart ZZZZ: Compliance Certification
- 46 40CFR 63.6655(a), Subpart ZZZZ: Compliance Certification
- 47 40CFR 63.6655(e), Subpart ZZZZ: Compliance Certification
- 48 40CFR 63.6655(f), Subpart ZZZZ: Compliance Certification

EU=1-SSISP

- 49 40CFR 60.5135, Subpart MMMM: Certification Schedule - Dates
- 50 40CFR 60.5155, Subpart MMMM: Compliance Certification
- 79 40CFR 60.5165, Subpart MMMM: Dioxin Standard Compliance Option
- 51 40CFR 60.5165, Subpart MMMM: Compliance Certification
- 52 40CFR 60.5165, Subpart MMMM: Compliance Certification
- 53 40CFR 60.5165, Subpart MMMM: Compliance Certification
- 54 40CFR 60.5165, Subpart MMMM: Compliance Certification
- 55 40CFR 60.5165, Subpart MMMM: Compliance Certification
- 56 40CFR 60.5165, Subpart MMMM: Compliance Certification
- 57 40CFR 60.5165, Subpart MMMM: Compliance Certification
- 58 40CFR 60.5165, Subpart MMMM: Compliance Certification
- 59 40CFR 60.5165, Subpart MMMM: Compliance Certification
- 60 40CFR 60.5165, Subpart MMMM: Compliance Certification
- 61 40CFR 60.5165, Subpart MMMM: Compliance Certification
- 1-1 40CFR 60.5170(f), NSPS Subpart MMMM: Compliance Certification
- 63 40CFR 60.5170(f), NSPS Subpart MMMM: Compliance Certification
- 64 40CFR 60.5180, Subpart MMMM: Emission Limits Apply at All Times
- 65 40CFR 60.5185, Subpart MMMM: Compliance Certification
- 70 40CFR 60.5195, Subpart MMMM: Initial Control Device Inspections
- 71 40CFR 60.5200, Subpart MMMM: Compliance Certification
- 72 40CFR 60.5205, Subpart MMMM: Performance Testing
- 73 40CFR 60.5205(a)(3), Subpart MMMM: Compliance Certification
- 74 40CFR 60.5215, Subpart MMMM: Compliance Certification
- 1-2 40CFR 60.5225(a)(1), NSPS Subpart MMMM: Compliance Certification
- 75 40CFR 60.5230, Subpart MMMM: Compliance Certification
- 76 40CFR 60.5230, Subpart MMMM: Compliance Certification
- 77 40CFR 61.32(a), NESHAP Subpart C: Compliance Certification
- 78 40CFR 61.52(b), NESHAP Subpart E: Compliance Certification

EU=1-SSISP,Proc=INC,ES=MHF01

- 1-3 40CFR 60.5210, Subpart MMMM: Compliance Certification

EU=1-SSISP,Proc=INC,ES=MHF02

- 1-4 40CFR 60.5210, Subpart MMMM: Compliance Certification

EU=1-SSISP,Proc=INC,ES=VSCR1

- 1-5 40CFR 60.5210, Subpart MMMM: Compliance Certification
- 1-6 40CFR 60.5210, Subpart MMMM: Compliance Certification
- 1-7 40CFR 60.5210, Subpart MMMM: Compliance Certification

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EU=1-SSISP,Proc=INC,ES=VSCR2

- 1-8 40CFR 60.5210, Subpart Mmmm: Compliance Certification
- 1-9 40CFR 60.5210, Subpart Mmmm: Compliance Certification
- 1-10 40CFR 60.5210, Subpart Mmmm: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 80 ECL 19-0301: Contaminant List
- 81 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities



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

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

Item B: 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 C: 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 D: 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 E: 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 F: 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 G: Property Rights - 6 NYCRR 201-6.4 (a) (6)

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

Item H: 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 I: 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 J: Reopening for Cause - 6 NYCRR 201-6.4 (i)

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

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

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

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

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

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

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

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emission control required.

Condition 2: Fees
Effective between the dates of 09/18/2015 and 09/17/2020

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 09/18/2015 and 09/17/2020

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

Item 3.1:

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

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

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

Condition 4: Records of Monitoring, Sampling, and Measurement
Effective between the dates of 09/18/2015 and 09/17/2020

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 09/18/2015 and 09/17/2020

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

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

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

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring



report required above.

(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.2(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

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

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

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual report a summary of the testing results and shall indicate



whether or not the Department or EPA has approved the results.

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 6: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

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.

iv. All annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

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

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer
NYSDEC Region 4 Headquarters
1130 North Westcott Road
Schenectady, NY 12306-2014

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance

New York State Department of Environmental Conservation

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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 1/30/2016.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

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.

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 09/18/2015 and 09/17/2020

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 09/18/2015 and 09/17/2020

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:



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

Item 9.2

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

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
- (i) Prescribed burns performed according to Part 194 of this Title.
- (j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
- (k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
- (l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

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

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



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

Condition 10: Maintenance of Equipment
Effective between the dates of 09/18/2015 and 09/17/2020

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 09/18/2015 and 09/17/2020

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:

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

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 09/18/2015 and 09/17/2020

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 09/18/2015 and 09/17/2020

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 09/18/2015 and 09/17/2020



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 09/18/2015 and 09/17/2020

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 09/18/2015 and 09/17/2020

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,



generator' in 40 CFR 63 Subpart ZZZZ. This engine may be used for up to 100 hours per calendar year for operation in non-emergency situations, including maintenance and readiness testing and up to 50 hours per year in a demand response program. There is no limit on the time the generator is operated for emergency purposes.

Building(s): GENERATOR

Condition 22: Progress Reports Due Semiannually
Effective between the dates of 09/18/2015 and 09/17/2020

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 09/18/2015 and 09/17/2020

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 09/18/2015 and 09/17/2020

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 24.1:

The Compliance Certification activity will be performed for the Facility.

Item 24.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. 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 immediately investigate any instance where there is cause to believe that visible emissions above those that are normal and in compliance are occurring or have occurred from a process source.

If visible emissions above those that are normal (this may be zero percent opacity for many or all emission sources) and in compliance with section 212.6(a) are detected, the permittee shall determine the cause, make the necessary correction, and verify that the excess visible emissions problem has been corrected.

If visible emissions above those that are normal and in compliance continue to be present after corrections are made, the permittee will immediately notify The Department and conduct a Method 9 assessment within 24 hours to determine the degree of opacity.

Records of these observations, investigations and corrective actions will be kept on-site in a format acceptable to the Department and the semiannual progress report and annual compliance certifications required of all permittees subject to Title V must include a summary of these instances.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 25: Compliance Certification

Effective between the dates of 09/18/2015 and 09/17/2020

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

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

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Facility DEC ID: 4010100020



Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of commercial, industrial, or residential emission sources that fire number two heating oil on or after July 1, 2012 are limited to the purchase of number two heating oil with 0.0015 percent sulfur by weight or less. Compliance with this limit will be based on vendor certifications.

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

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 HEATING OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 26: Compliance Certification

Effective between the dates of 09/18/2015 and 09/17/2020

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

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: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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

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

Condition 28: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:6 NYCRR 225-1.6 (f)

Item 28.1:

The Compliance Certification activity will be performed for the Facility.

Item 28.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Facility owners subject to this Subpart must submit a written report of the fuel sulfur content exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable equivalent emission rate, and the nature and cause of such exceedances if known, for each calendar quarter, within 30 days after the end of any quarterly period in which an exceedance takes place.

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 29: Applicability of Subpart A General Provisions
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 29.1:

This emission source is subject to the applicable general provisions of 40 CFR 60. The facility



- (4) The complete test report for the initial performance test results obtained by using the test methods specified in Table 2 or Table 3 of 40 CFR 60 Subpart MMMM.
- (5) If an initial performance evaluation of a continuous monitoring system was conducted, the results of that initial performance evaluation.
- (6) The values for the site-specific operating limits established pursuant to 40 CFR 60.5170 and 60.5175 and the calculations and methods, as applicable, used to establish each operating limit.
- (7) If the facility is using a fabric filter to comply with the emission limits, documentation that a bag leak detection system has been installed and is being operated, calibrated, and maintained as required by 40 CFR 60.5170(b).
- (8) The results of the initial air pollution control device inspection required in 40 CFR 60.5195, including a description of repairs.
- (9) The site-specific monitoring plan required under 40 CFR 60.5200, at least 60 days before your initial performance evaluation of your continuous monitoring system.
- (10) The site-specific monitoring plan for your ash handling system required under 40 CFR 60.5200, at least 60 days before your initial performance test to demonstrate compliance with your fugitive ash emission limit.

Condition 32: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement: 40CFR 60.5235(c), NSPS Subpart

MMMM

Item 32.1:

The Compliance Certification activity will be performed for the Facility.

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a Sewage Sludge Incineration (SSI) unit must submit an annual compliance report to the Department. Each such report shall contain the information listed in 40 CFR 60.5235(c), as applicable. Annual compliance reports developed pursuant to this condition shall be submitted to the Department no later than 12 months from the date of the previous report.

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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



Condition 33: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement: 40CFR 60.5235(d), NSPS Subpart M

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: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a Sewage Sludge Incineration (SSI) unit must submit a deviation report to the Department if:

- (i) Any recorded operating parameter level, based on the averaging time specified in Table 4 of 40 CFR 60 Subpart M, is above the maximum operating limit or below the minimum operating limit;
- (ii) The bag leak detection system alarm sounds for more than 5 percent of the operating time for the 6-month reporting period;
- (iii) Any recorded 24-hour block average emissions level is above the emission limit, if a continuous monitoring system is used to comply with an emission limit;
- (iv) There are visible emissions of combustion ash from an ash conveying system for more than 5 percent of the hourly observation period;
- (v) A performance test was conducted that deviated from any emission limit in Table 2 or Table 3 of 40 CFR 60 Subpart M;
- (vi) A continuous monitoring system was out of control;
or
- (vii) The facility had a malfunction that caused or may have caused any applicable emission limit to be exceeded.

Each deviation report prepared pursuant to this condition must contain the information specified in 40 CFR 60.5235(d), as applicable.

Deviation reports must be submitted by August 1 of that year for data collected during the first half of the

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calendar year (January 1 to June 30), and by February 1 of the following year for data collected during the second half of the calendar year (July 1 to December 31).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 34: Fuel requirements for existing emergency stationary CI RICE

Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:40CFR 63.6604, Subpart ZZZZ

Item 34.1:

Beginning January 1, 2015, the owner or operator of an existing emergency CI stationary RICE with a site rating of more than 100 brake HP and a displacement of less than 30 liters per cylinder that uses diesel fuel and operates or is contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in 40 CFR 63.6640(f)(2)(ii) and (iii) or that operates for the purpose specified in 40 CFR 63.6640(f)(4)(ii) must use diesel fuel that meets the requirements in 40 CFR 80.510(b) for nonroad diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to January 1, 2015, may be used until depleted.

Condition 35: Compliance Certification

Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:40CFR 63.6640(a), Subpart ZZZZ

Item 35.1:

The Compliance Certification activity will be performed for the Facility.

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

A facility complying with the requirement to change oil and filter, inspect spark plugs, and inspect hoses and belts will demonstrate continuous compliance if each of the following is met:

- 1) operate and maintain the stationary RICE according to the manufacturer's emission related operation and maintenance instructions; and



Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 37.1(From Mod 1):

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

Emission Unit: 1-SSISP

Emission Point: 00001

Height (ft.): 80 Diameter (in.): 31
NYTMN (km.): 4720.462 NYTME (km.): 601.697 Building: SOLIDS

Emission Point: 00002

Height (ft.): 80 Diameter (in.): 31
NYTMN (km.): 4720.454 NYTME (km.): 601.693 Building: SOLIDS

Item 37.2(From Mod 0):

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

Emission Unit: 1-GEN01

Emission Point: 00003

Height (ft.): 12 Diameter (in.): 14
NYTMN (km.): 4720.5 NYTME (km.): 601.7 Building: GENERATOR

**Condition 38: Process Definition By Emission Unit
Effective between the dates of 09/18/2015 and 09/17/2020**

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 38.1(From Mod 1):

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

Emission Unit: 1-SSISP

Process: INC Source Classification Code: 5-01-005-15

Process Description:

Incineration of sewage sludge in two multiple hearth furnaces. Only one unit (either MHF01 or MHF02) is operated at any given time.

Emission Source/Control: MIST1 - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: MIST2 - Control

Control Type: MIST ELIMINATOR

Emission Source/Control: VSCR1 - Control

Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: VSCR2 - Control

Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: MHF01 - Incinerator



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Design Capacity: 4,626 tons per year
Waste Feed Method: CHUTE FED
Waste Type: SEWAGE SLUDGE

Emission Source/Control: MHF02 - Incinerator
Design Capacity: 4,626 tons per year
Waste Feed Method: CHUTE FED
Waste Type: SEWAGE SLUDGE

Item 38.2(From Mod 0):

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

Emission Unit: 1-GEN01
Process: GEN Source Classification Code: 2-01-001-02
Process Description:

This process consists of the combustion of diesel fuel in a 1250 kW generator engine operated as an emergency engine in accordance with 40 CFR 63 Subpart ZZZZ.

Emission Source/Control: DGEN1 - Combustion
Design Capacity: 1,600 kilowatts

Condition 39: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

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

Item 39.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GEN01

Item 39.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

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

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at 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

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Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:40CFR 63.6625(h), Subpart ZZZZ

Item 42.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GEN01

Item 42.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

For operation of a new, reconstructed, or existing stationary engine, the engine's time spent at idle must be minimized during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup in Tables 1a, 2a, 2c, and 2d to 40 CFR 63 Subpart ZZZZ apply.

Parameter Monitored: DURATION OF START UP

Upper Permit Limit: 30 minutes

Monitoring Frequency: CONTINUOUS

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER
OCCURRENCE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 43: Compliance Certification

Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:40CFR 63.6625(i), Subpart ZZZZ

Item 43.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GEN01

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a stationary CI engine that is subject to the work, operation or management practices in items 1 or 2 of Table 2c to subpart ZZZZ or in items 1 or



4 of Table 2d to subpart ZZZZ has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d to subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to subpart ZZZZ. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 business days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 44: Deviations and catalyst changing provisions for lean burn and compression ignition engines
Effective between the dates of 09/18/2015 and 09/17/2020**

Applicable Federal Requirement: 40CFR 63.6640(b), Subpart ZZZZ

Item 44.1:

This Condition applies to Emission Unit: 1-GEN01

Item 44.2:

Facility must report each instance in which it did not meet each emission limitation or operating limitation in Tables 1a, 1b, 2a, 2b, 2c, and 2d of 40 CFR 63 Subpart ZZZZ that apply. These instances are deviations from the emission and operating limitations in 40 CFR 63 Subpart ZZZZ. These deviations must be reported according to the requirements in 40 CFR 63.6650.

If facility changes an oxidation catalyst, it must re-establish the values of the operating parameters measured during the initial performance test. When re-establishing the values of operating parameters, facility must also conduct a performance test, within 180 days of the oxidation catalyst change, to demonstrate that it is meeting the required emission limitation applicable to each stationary RICE. The performance test on the new oxidation catalyst may be scheduled to occur with the next required semi-annual carbon monoxide performance test.



The facility must keep records readily accessible in hard copy or electronic form for at least 5 years after the date of each deviation according to 40 CFR 63.10(b)(1).

Condition 45: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement: 40CFR 63.6650(h), Subpart ZZZZ

Item 45.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GEN01

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an emergency stationary RICE with a site rating greater than 100 brake horsepower that operates or is contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in 40 CFR 63.6640(f)(2)(ii) and (iii) or that operates for the purpose specified in 40 CFR 63.6640(f)(4)(ii) must submit an annual report according to the requirements in (1) through (3).

(1) The report must contain the following information:

(i) Company name and address where the engine is located.

(ii) Date of the report and beginning and ending dates of the reporting period.

(iii) Engine site rating and model year.

(iv) Latitude and longitude of the engine in decimal degrees reported to the fifth decimal place.

(v) Hours operated for the purposes specified in 40 CFR 63.6640(f)(2)(ii) and (iii), including the date, start time, and end time for engine operation for the purposes specified in 40 CFR 63.6640(f)(2)(ii) and (iii).

(vi) Number of hours the engine is contractually obligated to be available for the purposes specified in 40 CFR 63.6640(f)(2)(ii) and (iii).



(vii) Hours spent for operation for the purpose specified in 40 CFR 63.6640(f)(4)(ii), including the date, start time, and end time for engine operation for the purposes specified in 40 CFR 63.6640(f)(4)(ii). The report must also identify the entity that dispatched the engine and the situation that necessitated the dispatch of the engine.

(viii) If there were no deviations from the fuel requirements in 40 CFR 63.6604 that apply to the engine (if any), a statement that there were no deviations from the fuel requirements during the reporting period.

(ix) If there were deviations from the fuel requirements in 40 CFR 63.6604 that apply to the engine (if any), information on the number, duration, and cause of deviations, and the corrective action taken.

(2) The first annual report must cover the calendar year 2015 and must be submitted no later than March 31, 2016. Subsequent annual reports for each calendar year must be submitted no later than March 31 of the following calendar year.

(3) The annual report must be submitted electronically using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written report must be submitted to the Administrator at the appropriate address listed in 40 CFR 63.13.

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 46: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement: 40CFR 63.6655(a), Subpart ZZZZ

Item 46.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GEN01

Item 46.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility must keep the records described in paragraphs (1) through (5).

(1) A copy of each notification and report that the owner or operator submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that he/she submitted, according to the requirement in 40 CFR 63.10(b)(2)(xiv).

(2) Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.

(3) Records of performance tests and performance evaluations as required in 40 CFR 63.10(b)(2)(viii).

(4) Records of all required maintenance performed on the air pollution control and monitoring equipment.

(5) Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 47: Compliance Certification

Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:40CFR 63.6655(e), Subpart ZZZZ

Item 47.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GEN01

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must keep records of the



maintenance conducted on the stationary RICE in order to demonstrate that he/she operated and maintained the stationary RICE and after-treatment control device (if any) according to the maintenance plan for the following stationary RICE;

(1) An existing stationary RICE with a site rating of less than 100 brake horsepower located at a major source of HAP emissions.

(2) An existing stationary emergency RICE.

(3) An existing stationary RICE located at an area source of HAP emissions subject to management practices as shown in Table 2d to subpart ZZZZ.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 48: Compliance Certification

Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:40CFR 63.6655(f), Subpart ZZZZ

Item 48.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-GEN01

Item 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operation of any of the stationary RICE in paragraphs (1) or (2) below, requires the owner/operator to keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The owner or operator must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engines are used for demand response operation, the owner or operator must keep records of the notification of the emergency situation, and the time the engine was operated as part of demand response.

(1) An existing emergency stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions that does not meet the

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standards applicable to non-emergency engines.

(2) An existing emergency stationary RICE located at an area source of HAP emissions that does not meet the standards applicable to non-emergency engines.

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD - SEE MONITORING

DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 49: Certification Schedule - Dates
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:40CFR 60.5135, Subpart MMMM

Item 49.1:

This Condition applies to Emission Unit: 1-SSISP

Item 49.2:

The operator of a Sewage Sludge Incineration (SSI) unit must complete the operator training course by the later of the following dates:

- (a) The final compliance date; or
- (b) Six months after the date of SSI unit start-up; or
- (c) Six months after the operator assumes responsibility for operating the SSI unit or assumes responsibility for supervising the operation of the SSI unit.

Condition 50: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:40CFR 60.5155, Subpart MMMM

Item 50.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Item 50.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a Sewage Sludge Incineration



(SSI) unit must meet the criteria in paragraph (a) or (b) below during periods when a qualified operator is not accessible:

(a) If a qualified operator is not accessible for more than 8 hours, the SSI unit may be operated for less than 2 weeks by other plant personnel who are familiar with the operation of the SSI unit and who have completed a review of the information specified in 40 CFR 60.5160 within the past 12 months. The facility must maintain a record of the period when a qualified operator was not accessible and include this deviation in their annual report as specified under 40 CFR 60.5235(d).

(b) If a qualified operator will not be accessible for 2 weeks or more, the facility must:

- (1) Notify the Department of this deviation in writing within 10 days. In the notice, state what caused this deviation, what the facility is doing to ensure that a qualified operator is accessible, and when they anticipate that a qualified operator will be accessible; and
- (2) Submit a status report to the Department every 4 weeks outlining what the facility is doing to ensure that a qualified operator is accessible, stating when the facility anticipate that a qualified operator will be accessible, and requesting approval from the Department to continue operation of the SSI unit. The facility must submit the first status report 4 weeks after the Department was first notified of the deviation.

If the Department notifies the facility that their request to continue operation of the SSI unit is disapproved, the SSI unit may continue operation for 30 days, and then must cease operation.

Operation of the unit may resume if a qualified operator is accessible. The facility must notify the Department within 5 days of having resumed operations and of having a qualified operator accessible.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 79: Dioxin Standard Compliance Option
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement: 40CFR 60.5165, Subpart M

Item 79.1:

This Condition applies to Emission Unit: 1-SSISP

Item 79.2:

The owner or operator of a Sewage Sludge Incineration (SSI) unit may choose to comply with

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the applicable dioxin standard on either a total mass or toxic equivalency (TEQ) basis as described in Table 2 or Table 3 of 40 CFR 60 Subpart M MMMM.

The facility owner or operator must indicate which standard the facility is choosing to demonstrate compliance with as part of each stack testing protocol submitted to the Department.

Condition 51: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement: 40CFR 60.5165, Subpart M MMMM

Item 51.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Regulated Contaminant(s):
CAS No: 007440-43-9 CADMIUM

Item 51.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility owner or operator must ensure that emissions of cadmium do not exceed 0.095 milligrams per dry standard cubic meter (corrected to 7% oxygen) as an average of 3 stack test runs. Each test run must collect a sample with a minimum volume of 1.0 dry standard cubic meters. In order to demonstrate compliance with this limit, the facility owner or operator shall conduct a stack test, as described in 40 CFR 60.5220, on an annual basis. Annual testing must be conducted at least 11 months but not more than 13 months from the previous test as described in 40 CFR 60.5205(a).

Upper Permit Limit: 0.095 milligrams per dry standard
cubic meter (corrected to 7% oxygen)

Reference Test Method: EPA Reference Test Method 29

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 52: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement: 40CFR 60.5165, Subpart M MMMM

Item 52.1:

The Compliance Certification activity will be performed for:

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Emission Unit: 1-SSISP

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility owner or operator must ensure that emissions of carbon monoxide do not exceed 3,800 parts per million by volume (dry corrected to 7% oxygen) as an average of 3 stack test runs. Each test run must collect a sample for a minimum of one hour. In order to demonstrate compliance with this limit, the facility owner or operator shall conduct a stack test, as described in 40 CFR 60.5220, on an annual basis. Annual testing must be conducted at least 11 months but not more than 13 months from the previous test as described in 40 CFR 60.5205(a).

Upper Permit Limit: 3,800 parts per million by volume

(dry, corrected to 7% O₂)

Reference Test Method: EPA Reference Test Method 10, 10A or 10B

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 53: Compliance Certification

Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement: 40CFR 60.5165, Subpart M

Item 53.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Regulated Contaminant(s):

CAS No: 001746-01-6 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility owner or operator must ensure that emissions of dioxins and furans on a toxic equivalency basis do not exceed 0.32 nanograms per dry standard cubic meter (corrected to 7% oxygen) as an average of 3 stack test runs. Each test run must collect a minimum sample volume

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of one dry standard cubic meter. In order to demonstrate compliance with this limit, the facility owner or operator shall conduct a stack test, as described in 40 CFR 60.5220, on an annual basis. Annual testing must be conducted at least 11 months but not more than 13 months from the previous test as described in 40 CFR 60.5205(a).

Upper Permit Limit: 0.32 nanograms per dry standard cubic meter (corrected to 7% O₂)

Reference Test Method: EPA Reference Test Method 23

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 54: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement: 40CFR 60.5165, Subpart M

Item 54.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Regulated Contaminant(s):

CAS No: 001746-01-6 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility owner or operator must ensure that emissions of dioxins and furans on a total mass basis do not exceed 5.0 nanograms per dry standard cubic meter (corrected to 7% oxygen) as an average of 3 stack test runs. Each test run must collect a minimum sample volume of one dry standard cubic meter. In order to demonstrate compliance with this limit, the facility owner or operator shall conduct a stack test, as described in 40 CFR 60.5220, on an annual basis. Annual testing must be conducted at least 11 months but not more than 13 months from the previous test as described in 40 CFR 60.5205(a).

Upper Permit Limit: 5.0 nanograms per dry standard cubic meter (corrected to 7% O₂)

Reference Test Method: EPA Reference Test Method 23

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 55: Compliance Certification

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Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:40CFR 60.5165, Subpart M

Item 55.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Item 55.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The facility owner or operator shall ensure that fugitive emissions of combustion ash from an ash handling system (including conveyor transfer points) are not visible for more than five percent of each hourly observation period. Visible emissions readings must be conducted over three 1-hour observation periods in order to demonstrate compliance with this condition.

Parameter Monitored: VISIBLE EMISSIONS

Upper Permit Limit: 5 percent

Reference Test Method: EPA Reference Test Method 22

Monitoring Frequency: ANNUALLY

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

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 56: Compliance Certification

Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:40CFR 60.5165, Subpart M

Item 56.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Regulated Contaminant(s):

CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility owner or operator must ensure that emissions of hydrogen chloride do not exceed 1.2 parts per million by volume (dry corrected to 7% oxygen) as an average of 3

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stack test runs. Each test run must collect a minimum sample volume of 200 liters (if using Method 26) or one dry standard cubic meter (if using Method 26A). In order to demonstrate compliance with this limit, the facility owner or operator shall conduct a stack test, as described in 40 CFR 60.5220, on an annual basis. Annual testing must be conducted at least 11 months but not more than 13 months from the previous test as described in 40 CFR 60.5205(a).

Upper Permit Limit: 1.2 parts per million by volume
(dry, corrected to 7% O₂)

Reference Test Method: EPA Reference Test Method 26 or 26A

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 57: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement: 40CFR 60.5165, Subpart M

Item 57.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Regulated Contaminant(s):

CAS No: 007439-92-1 LEAD

Item 57.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility owner or operator must ensure that emissions of lead do not exceed 0.30 milligrams per dry standard cubic meter (corrected to 7% oxygen) as an average of 3 stack test runs. Each test run must collect a minimum sample volume of one dry standard cubic meter. In order to demonstrate compliance with this limit, the facility owner or operator shall conduct a stack test, as described in 40 CFR 60.5220, on an annual basis. Annual testing must be conducted at least 11 months but not more than 13 months from the previous test as described in 40 CFR 60.5205(a).

Upper Permit Limit: 0.30 milligrams per dry standard
cubic meter (corrected to 7% oxygen)

Reference Test Method: EPA Reference Test Method 29

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

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Condition 58: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:40CFR 60.5165, Subpart M

Item 58.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Regulated Contaminant(s):

CAS No: 007439-97-6 MERCURY

Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility owner or operator must ensure that emissions of mercury do not exceed 0.28 milligrams per dry standard cubic meter (corrected to 7% oxygen) as an average of 3 stack test runs. Each test run must collect a minimum sample volume of one dry standard cubic meter (if using Method 29) or a minimum sample as described in the test method (if using Method 30B). In order to demonstrate compliance with this limit, the facility owner or operator shall conduct a stack test, as described in 40 CFR 60.5220, on an annual basis. Annual testing must be conducted at least 11 months but not more than 13 months from the previous test as described in 40 CFR 60.5205(a).

Upper Permit Limit: 0.28 milligrams per dry standard
cubic meter (corrected to 7% oxygen)

Reference Test Method: EPA Reference Test Method 29 or 30B

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 59: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:40CFR 60.5165, Subpart M

Item 59.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Regulated Contaminant(s):

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

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Item 59.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility owner or operator must ensure that emissions of oxides of nitrogen do not exceed 220 parts per million by volume (dry corrected to 7% oxygen) as an average of 3 stack test runs. Each test run must collect a sample for a minimum of one hour. In order to demonstrate compliance with this limit, the facility owner or operator shall conduct a stack test, as described in 40 CFR 60.5220, on an annual basis. Annual testing must be conducted at least 11 months but not more than 13 months from the previous test as described in 40 CFR 60.5205(a).

Upper Permit Limit: 220 parts per million by volume
(dry, corrected to 7% O₂)

Reference Test Method: EPA Reference Test Method 7 or 7E

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 60: Compliance Certification

Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement: 40CFR 60.5165, Subpart M

Item 60.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility owner or operator must ensure that emissions of particulate matter do not exceed 80 milligrams per dry standard cubic meter (corrected to 7% oxygen) as an average of 3 stack test runs. Each test run must collect a minimum sample volume of 0.75 dry standard cubic meter. In order to demonstrate compliance with this limit, the facility owner or operator shall conduct a stack test, as described in 40 CFR 60.5220, on an annual basis. Annual testing must be conducted at least 11 months but not more than 13 months from the previous test as described in 40 CFR 60.5205(a).



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Upper Permit Limit: 80 milligrams per dry standard cubic
meter (corrected to 7% oxygen)

Reference Test Method: EPA Reference Test Method 5, 26A or 29

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 61: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:40CFR 60.5165, Subpart MMMM

Item 61.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 61.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility owner or operator must ensure that emissions of sulfur dioxide do not exceed 26 parts per million by volume (dry corrected to 7% oxygen) as an average of 3 stack test runs. Each test run must collect a minimum sample volume of 200 liters (if using Method 6) or a minimum duration of one hour (if using Method 6C). In order to demonstrate compliance with this limit, the facility owner or operator shall conduct a stack test, as described in 40 CFR 60.5220, on an annual basis. Annual testing must be conducted at least 11 months but not more than 13 months from the previous test as described in 40 CFR 60.5205(a).

Upper Permit Limit: 26 parts per million by volume (dry,
corrected to 7% O₂)

Reference Test Method: EPA Reference Test Method 6 or 6C

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 1-1: Compliance Certification
Effective between the dates of 06/21/2016 and 09/17/2020

Applicable Federal Requirement:40CFR 60.5170(f), NSPS Subpart

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average of the samples.

The facility owner or operator shall maintain a record of each daily average moisture content calculated pursuant to this condition at the facility for a period of at least five years. Such records must be made available to the Department upon request.

Monitoring Frequency: DAILY

Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 64: Emission Limits Apply at All Times
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:40CFR 60.5180, Subpart MMMM

Item 64.1:

This Condition applies to Emission Unit: 1-SSISP

Item 64.2:

The emission limits and standards established under 40 CFR 60 Subpart MMMM apply at all times sewage sludge is present in the combustion chamber, including periods of start-up, shut down, and malfunction.

Condition 65: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:40CFR 60.5185, Subpart MMMM

Item 65.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In order to demonstrate compliance with the emission limits described in 40 CFR 60 Subpart MMMM, the facility owner or operator shall conduct an initial performance test, as described in 40 CFR 60.5185(a), no later than March 21, 2016. The initial performance test must be conducted in accordance with a testing protocol approved by the Department. Such a protocol shall specify the test methods, averaging times, and minimum sample volumes as described in Table 3 of Subpart MMMM, that will be used.

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The testing protocol must be submitted to the Department at least 30 days in advance of the test date.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 70: Initial Control Device Inspections
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:40CFR 60.5195, Subpart M MMM

Item 70.1:

This Condition applies to Emission Unit: 1-SSISP

Item 70.2:

The facility owner or operator must conduct an initial air pollution control device inspection, as described in 40 CFR 60.5220(c), by March 21, 2016. For air pollution control devices installed after the final compliance date, the facility owner or operator must conduct the air pollution control device inspection within 60 days after installation of the control device.

Within 10 operating days following the air pollution control device inspection under paragraph (a) of this section, all necessary repairs must be completed unless you obtain written approval from the Department establishing a date whereby all necessary repairs of the SSI unit must be completed.

Condition 71: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:40CFR 60.5200, Subpart M MMM

Item 71.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Item 71.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a Sewage Sludge Incineration (SSI) unit must develop and implement a site-specific monitoring plan as described in 40 CFR 60.5200. Such a plan must contain the following information at a minimum:

(a) The elements and requirements specified in 40 CFR 60.5200(a), as applicable, for each continuous monitoring system installed at the facility.



according to the testing, monitoring, and calibration requirements specified in 40 CFR 60.5220(a).

The facility owner or operator must repeat the performance test within 60 days of a significant permit revision involving a process change as described in 40 CFR 60.5250.

The facility owner or operator may conduct a repeat performance test at any time to establish new values for the operating limits. If successful, the new operating limits will apply from that point forward.

The Department reserves the right to request a repeat performance test at any time.

Condition 73: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement: 40CFR 60.5205(a)(3), Subpart M

Item 73.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Item 73.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner or operator may reduce the frequency of performance testing for a given pollutant as follows:

(1) If the results of the performance test for at least 2 consecutive years demonstrate that emissions are at or below 75 percent of the specified emission limit, and there have been no changes in the operation of the SSI unit or air pollution control equipment that could increase emissions, the facility owner or operator does not have to conduct a performance test for that pollutant for the next 2 years. The facility owner or operator must conduct a performance test during the third year (no more than 37 months from the previous performance test).

(2) If the SSI unit continues to meet the emission limit for the pollutant, the facility may choose to continue conducting performance tests for the pollutant every third year (no more than 37 months from the previous performance test) if emissions remain at or below 75 percent of the



emission limit, and no changes are made to the operation of the affected source or air pollution control equipment that could increase emissions.

(3) If a performance test shows emissions exceeded 75 percent of the emission limit for a pollutant, the facility must resume conducting annual performance tests for that pollutant until all performance tests over 2 consecutive years demonstrate compliance.

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 74: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:40CFR 60.5215, Subpart M

Item 74.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Item 74.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner or operator must conduct an annual inspection of each air pollution control device used to comply with their emission limits. Each inspection must be conducted no later than 12 months following a previous annual air pollution control device inspection.

All necessary repairs must be completed within 10 operating days following an air pollution control device inspection unless the facility obtains written approval from the Department establishing an alternative date for the completion of repairs.

The facility owner or operator must maintain a record of each annual air pollution control device inspection. Each record must include a description of any repairs that were made to the air pollution control device, including the date each repair was completed, and a description of any repairs that were not completed within 10 days following the inspection. Records kept pursuant to this condition must be maintained at the facility for a period of at least five years, and must be made available to the Department upon request.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY



Condition 1-2: Compliance Certification
Effective between the dates of 06/21/2016 and 09/17/2020

**Applicable Federal Requirement: 40CFR 60.5225(a)(1), NSPS Subpart
MMMM**

Item 1-2.1:
The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Item 1-2.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The facility owner or operator must install, operate, calibrate, and maintain the continuous parameter monitoring systems according to the following requirements for each flow, pressure, pH, and operating temperature measurement device.

(i) The facility owner or operator must collect data using the continuous monitoring system at all times the sewage sludge incinerator is operating and at the intervals specified in paragraph (ii) below, except for periods of monitoring system malfunctions that occur during periods specified in 40 CFR 60.5200(a)(7)(i), repairs associated with monitoring system malfunctions, and required monitoring system quality assurance or quality control activities (including, as applicable, calibration checks and required zero and span adjustments). Any such periods that you do not collect data using the continuous monitoring system constitute a deviation from the monitoring requirements and must be reported in the semiannual deviation report.

(ii) The facility owner or operator must collect continuous parameter monitoring system data in accordance with 40 CFR 60.13(e)(2).

(iii) Any data collected during monitoring system malfunctions, repairs associated with monitoring system malfunctions, or required monitoring system quality assurance or control activities must not be included in calculations used to report emissions or operating levels. Any such periods must be reported in your semiannual deviation report.

(iv) Any data collected during periods when the monitoring system is out of control as specified in 40 CFR



60.5200(a)(7)(i) must not be included in calculations used to report emissions or operating levels. Any such periods that do not coincide with a monitoring system malfunction, as defined in 40 CFR 60.5250, constitute a deviation from the monitoring requirements and must be reported in the semiannual deviation report.

(v) The facility owner or operator must use all the data collected during all periods except those periods specified in paragraphs (iii) and (iv) above in assessing the operation of the control device and associated control system.

(vi) Record the results of each inspection, calibration, and validation check.

In addition, the facility owner or operator must operate and maintain the continuous monitoring system in accordance with the monitoring plan required by 40 CFR 60.4880.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

Condition 75: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement:40CFR 60.5230, Subpart M

Item 75.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Item 75.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner or operator must maintain the following records in an easily accessible location at the facility, as applicable:

1. Copies of the facility's final control plan and any additional notifications submitted pursuant to 40 CFR 60.5235;
2. Documentation of the operator training procedures and



records as specified in 40 CFR 63.5230(c);

3. Records of the results of initial and annual air pollution control device inspections conducted as specified in 40 CFR 60.5195 and 60.5220(c), including any required maintenance and any repairs not completed within 10 days of an inspection or the time frame established by the Department;

4. A record of each performance test, as specified in 40 CFR 60.5230;

5. Records of continuous monitoring data, where applicable, as specified in 40 CFR 60.5230(f);

6. Other records for continuous monitoring systems, where applicable, as specified in 40 CFR 60.5230(g);

7. Records of any deviation reports submitted under 40 CFR 60.5235(e) and (f);

8. Equipment specifications and related operation and maintenance requirements received from vendors for the incinerator, emission controls, and monitoring equipment;

9. Records of inspections, calibration, and validation checks of any monitoring devices as required under 40 CFR 60.5220 and 60.5225;

10. Records of the monitoring plans required under 40 CFR 60.5200, and records of performance evaluations required under 40 CFR 60.5205(b)(5);

11. If the facility owner or operator elects to conduct performance tests less frequently than annually as described in 40 60.5205(a)(3), annual records that document that the facility's emissions in the two previous consecutive years were at or below 75 percent of the applicable emission limit in Table 1 or 2 of 40 CFR 60 Subpart M, and document that there were no changes in source operations or air pollution control equipment that would cause emissions of the relevant pollutant to increase within the past 2 years;

12. Records indicating use of the bypass stack, where applicable, including dates, times, and durations as required under 40 CFR 60.5225(d); and

13. If a malfunction occurs, a record of the information submitted in the facility's annual report in 40 CFR 60.5235(c)(16).



Records kept pursuant to this condition must be maintained at the facility for a period of at least five years, and must be made available to the Department upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 76: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement: 40CFR 60.5230, Subpart MMMM

Item 76.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Item 76.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner or operator must maintain the following operator training records in an easily accessible location at the facility at all times:

(1) Documentation of the following operator training procedures and information:

- (i) A summary of the applicable standards under 40 CFR 60 Subpart MMMM;
- (ii) Procedures for receiving, handling, and feeding sewage sludge;
- (iii) Incinerator start up, shutdown, and malfunction preventative and corrective procedures;
- (iv) Procedures for maintaining proper combustion air supply levels;
- (v) Procedures for operating the incinerator and associated air pollution control devices within the standards established under 40 CFR 60 Subpart MMMM;
- (vi) Monitoring procedures for demonstrating compliance with the incinerator operating limits;
- (vii) Reporting and record keeping procedures;
- (viii) Procedures for handling ash;
- (ix) A list of materials burned during the performance test, if in addition to sewage sludge; and
- (x) For each qualified operator and other plant personnel who may operate the unit according to the provisions of 40 CFR 60.5155(a), the phone and/or pager number at which they can be reached during operating hours.



(2) Records showing the names of SSI unit operators and other plant personnel who may operate the SSI unit, as follows:

(i) Records showing the names of SSI unit operators and other plant personnel who have completed review of the information described in paragraph (1) above, including the date of initial review and each subsequent review:
and

(ii) Records showing the names of SSI unit operators who have completed the training described in 40 CFR 60.5130, met the criteria for qualification under 40 CFR 60.5140, and maintained or renewed their certification under 40 CFR 60.5145 or 60.5150. Such records must include documentation of training, including the date of initial qualification and all subsequent renewals of qualification.

Records kept pursuant to this condition must be made available to the Department upon request.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 77: Compliance Certification
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable Federal Requirement: 40CFR 61.32(a), NESHAP Subpart C

Item 77.1:
The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Regulated Contaminant(s):
CAS No: 007440-41-7 BERYLLIUM

Item 77.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

The facility owner or operator shall not cause or allow emissions of Beryllium in excess of 10 grams (0.022 pounds) over a 24-hour period, except as provided in 40 CFR 61.32(b).

The facility owner or operator shall determine compliance with this emission limit by conducting periodic testing as described in 40 CFR 61.33.

New York State Department of Environmental Conservation

Permit ID: 4-0101-00020/00012

Facility DEC ID: 4010100020



METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2016.

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

Condition 1-3: Compliance Certification
Effective between the dates of 06/21/2016 and 09/17/2020

Applicable Federal Requirement:40CFR 60.5210, Subpart MMMM

Item 1-3.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Process: INC

Emission Source: MHF01

Item 1-3.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The facility owner or operator shall continuously monitor and record the combustion chamber temperature and ensure that the 12-hour block average temperature is above the minimum temperature specified below.

The continuous monitoring system shall be designed and operated in such a way as a temperature reading is recorded once every 15 minutes. Each set of four 15-minute temperature readings shall be averaged into a single 1-hour block average. Each set of 12 1-hour averages shall be averaged into a single 12-hour block average temperature and used to demonstrate compliance with this requirement.

Operation of the incinerator below the minimum combustion chamber temperature specified in this condition constitutes a deviation from this requirement. The facility owner or operator shall prepare and submit a report to the Department containing the date, time, recorded temperature, cause of the deviation, and a summary of any corrective action taken on a semiannual basis.

The facility owner or operator shall maintain a record of the data necessary to calculate each 12-hour block average and of each deviation report at the facility for a period of at least five years. Such records must be made available to the Department upon request.

Manufacturer Name/Model Number: Type K Thermocouple

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Permit ID: 4-0101-00020/00012

Facility DEC ID: 4010100020



Parameter Monitored: TEMPERATURE
Lower Permit Limit: 970 degrees Fahrenheit
Reference Test Method: 40 CFR 60 Appendix F
Monitoring Frequency: CONTINUOUS
Averaging Method: AVERAGING METHOD - SEE MONITORING

DESCRIPTION

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

Condition 1-4: Compliance Certification
Effective between the dates of 06/21/2016 and 09/17/2020

Applicable Federal Requirement:40CFR 60.5210, Subpart M

Item 1-4.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Process: INC

Emission Source: MHF02

Item 1-4.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The facility owner or operator shall continuously monitor and record the combustion chamber temperature and ensure that the 12-hour block average temperature is above the minimum temperature specified below.

The continuous monitoring system shall be designed and operated in such a way as a temperature reading is recorded once every 15 minutes. Each set of four 15-minute temperature readings shall be averaged into a single 1-hour block average. Each set of 12 1-hour averages shall be averaged into a single 12-hour block average temperature and used to demonstrate compliance with this requirement.

Operation of the incinerator below the minimum combustion chamber temperature specified in this condition constitutes a deviation from this requirement. The facility owner or operator shall prepare and submit a report to the Department containing the date, time, recorded temperature, cause of the deviation, and a summary of any corrective action taken on a semiannual basis.

The facility owner or operator shall maintain a record of the data necessary to calculate each 12-hour block average

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prepare and submit a report to the Department containing the date, time, recorded pH, cause of the deviation, and a summary of any corrective action taken on a semiannual basis.

The facility owner or operator shall maintain a record of the data necessary to calculate each 3-hour block average and of each deviation report at the facility for a period of at least five years. Such records must be made available to the Department upon request.

Manufacturer Name/Model Number: Liquiline CM442/Orbipac CPF81D Memosens

Parameter Monitored: PH

Lower Permit Limit: 5.5 pH (STANDARD) units

Reference Test Method: 40 CFR 60 Appendix F

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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

Condition 1-7: Compliance Certification
Effective between the dates of 06/21/2016 and 09/17/2020

Applicable Federal Requirement:40CFR 60.5210, Subpart M

Item 1-7.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP

Process: INC

Emission Source: VSCR1

Item 1-7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The facility owner or operator shall continuously monitor and record the wet scrubber liquid flow rate and ensure that the 12-hour block average flow rate is above the minimum flow rate specified below.

The continuous monitoring system shall be designed and operated in such a way as a flow rate reading is recorded once every 15 minutes. Each set of four 15-minute readings shall be averaged into a single 1-hour block average. Each set of 12 1-hour averages shall be averaged into a single 12-hour block average flow rate and used to demonstrate compliance with this requirement.



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once every 15 minutes. Each set of four 15-minute readings shall be averaged into a single 1-hour block average. Each set of 12 1-hour averages shall be averaged into a single 12-hour block average flow rate and used to demonstrate compliance with this requirement.

Operation of the wet scrubber below the minimum flow rate specified in this condition constitutes a deviation from this requirement. The facility owner or operator shall prepare and submit a report to the Department containing the date, time, recorded flow rate, cause of the deviation, and a summary of any corrective action taken on a semiannual basis.

The facility owner or operator shall maintain a record of the data necessary to calculate each 12-hour block average and of each deviation report at the facility for a period of at least five years. Such records must be made available to the Department upon request.

Manufacturer Name/Model Number: Rosemount Series 8732
Parameter Monitored: VOLUMETRIC FLOW RATE
Lower Permit Limit: 718 gallons per minute
Reference Test Method: 40 CFR 60 Appendix F
Monitoring Frequency: CONTINUOUS
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2016.
Subsequent reports are due every 6 calendar month(s).

Condition 1-10: Compliance Certification
Effective between the dates of 06/21/2016 and 09/17/2020

Applicable Federal Requirement: 40CFR 60.5210, Subpart M

Item 1-10.1:
The Compliance Certification activity will be performed for:

Emission Unit: 1-SSISP
Process: INC
Emission Source: VSCR2

Item 1-10.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)
Monitoring Description:

The facility owner or operator shall continuously monitor and record the pressure drop across the wet scrubber and ensure that the 12-hour block average pressure drop is above the minimum pressure drop specified below.

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The continuous monitoring system shall be designed and operated in such a way as a pressure drop reading is recorded once every 15 minutes. Each set of four 15-minute readings shall be averaged into a single 1-hour block average. Each set of 12 1-hour averages shall be averaged into a single 12-hour block average pressure drop and used to demonstrate compliance with this requirement.

Operation of the wet scrubber below the minimum pressure drop specified in this condition constitutes a deviation from this requirement. The facility owner or operator shall prepare and submit a report to the Department containing the date, time, recorded pressure drop, cause of the deviation, and a summary of any corrective action taken on a semiannual basis.

The facility owner or operator shall maintain a record of the data necessary to calculate each 12-hour block average and of each deviation report at the facility for a period of at least five years. Such records must be made available to the Department upon request.

Manufacturer Name/Model Number: Rosemount Series 2051

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 22.72 inches of water

Reference Test Method: 40 CFR 60 Appendix F

Monitoring Frequency: CONTINUOUS

Averaging Method: AVERAGING METHOD - SEE MONITORING

DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2016.

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



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: 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: 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 80: Contaminant List
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable State Requirement:ECL 19-0301

Item 80.1:

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

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

CAS No: 001746-01-6
Name: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

CAS No: 007439-92-1
Name: LEAD

CAS No: 007439-97-6
Name: MERCURY

CAS No: 007440-41-7
Name: BERYLLIUM

CAS No: 007440-43-9
Name: CADMIUM

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

Condition 81: Malfunctions and start-up/shutdown activities
Effective between the dates of 09/18/2015 and 09/17/2020

Applicable State Requirement:6 NYCRR 201-1.4

Item 81.1:

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



