



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 6-3016-00048/00011
Effective Date: 05/09/2016 Expiration Date: 05/08/2021

Permit Issued To: ONEIDA COUNTY
800 PARK AVE
UTICA, NY 13501-2939

Contact: STEVEN P DEVAN
WATER QUALITY & WATER POLLUTION CONTROL
51 LELAND AVE PO BOX 442
UTICA, NY 13503-0442
(315) 798-5656

Facility: ONEIDA CO WATER POLLUTION CONTROL PLANT
51 LELAND AVE
UTICA, NY 13502

Description:
This project is the initial Title V permit for Oneida County Water Pollution Control Plant as required by 40 CFR 60 Subpart Mmmm, Part 219-9.4, this application is submitted in compliance with the March 21, 2014 submission date for municipal sewage sludge incinerators.

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: LAWRENCE R AMBEAU
NYSDEC - REGION 6
317 WASHINGTON ST
WATERTOWN, NY 13601

Authorized Signature: _____ Date: ____ / ____ / ____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

- Submission of application for permit modification or renewal-REGION 6 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 renewal application at least 180 days before expiration of permits for both Title V and 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 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 6 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 6 Headquarters
Division of Environmental Permits
State Office Building, 317 Washington Street
Watertown, NY 13601-3787
(315) 785-2245

New York State Department of Environmental Conservation

Permit ID: 6-3016-00048/00011

Facility DEC ID: 6301600048



Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: ONEIDA COUNTY
800 PARK AVE
UTICA, NY 13501-2939

Facility: ONEIDA CO WATER POLLUTION CONTROL PLANT
51 LELAND AVE
UTICA, NY 13502

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

Permit Effective Date: 05/09/2016

Permit Expiration Date: 05/08/2021



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 225-1.2 (f): Compliance Certification
- 25 6 NYCRR 225-1.2 (h): Compliance Certification
- 26 40CFR 60, NSPS Subpart A: Applicability of Subpart A General Provisions
- 27 40CFR 60.7(d), NSPS Subpart A: Compliance Certification
- 28 40CFR 60.14, NSPS Subpart A: Compliance Certification
- 29 40CFR 60.153(a)(2), NSPS Subpart O: Access to sludge charged for sampling
- 30 40CFR 60, NSPS Subpart III: Applicability
- 31 40CFR 60, NSPS Subpart III: Compliance and Enforcement
- 32 40CFR 60.5130, Subpart M: Compliance Certification
- 33 40CFR 60.5135, Subpart M: Certification Schedule - Dates
- 34 40CFR 60.5150, Subpart M: Lapsed Operator Certifications
- 35 40CFR 60.5165, Subpart M: Dioxin Standard Compliance Option
- 36 40CFR 60.5165, Subpart M: Compliance Certification
- 37 40CFR 60.5170(f), NSPS Subpart M: Compliance Certification
- 38 40CFR 60.5170(f), NSPS Subpart M: Compliance Certification
- 39 40CFR 60.5175, Subpart M: Compliance Certification
- 40 40CFR 60.5180, Subpart M: Emission Limits Apply at All Times
- 41 40CFR 60.5185, Subpart M: Compliance Certification
- 42 40CFR 60.5190(b), NSPS Subpart M: Compliance Certification



- 43 40CFR 60.5190(c), NSPS Subpart M MMM: Compliance Certification
- 44 40CFR 60.5190(d), NSPS Subpart M MMM: Compliance Certification
- 45 40CFR 60.5190(e), NSPS Subpart M MMM: Compliance Certification
- 46 40CFR 60.5190(h)(1), NSPS Subpart M MMM: Compliance Certification
- 47 40CFR 60.5190(h)(1), NSPS Subpart M MMM: Compliance Certification
- 48 40CFR 60.5205, Subpart M MMM: Performance Testing
- 49 40CFR 60.5215, Subpart M MMM: Compliance Certification
- 50 40CFR 60.5235(b), NSPS Subpart M MMM: Initial Compliance Report
- 51 40CFR 60.5235(c), NSPS Subpart M MMM: Compliance Certification
- 52 40CFR 60.5235(d), NSPS Subpart M MMM: Compliance Certification
- 53 40CFR 61.05(a), NESHAP Subpart A: General Provisions -
Preconstruction Review
- 54 40CFR 61.12, NESHAP Subpart A: §61.12(a) - Compliance with numerical
standards and maintenance requirements
- 55 40CFR 61.15, NESHAP Subpart A: Compliance Certification
- 56 40CFR 61.15(a), NESHAP Subpart A: General Provisions - Modifications
- 57 40CFR 61.19, NESHAP Subpart A: Circumvention
- 58 40CFR 61.33, NESHAP Subpart C: Compliance Certification
- 59 40CFR 63, Subpart JJJJJ: Applicability
- 60 40CFR 63, Subpart JJJJJ: Compliance and Enforcement
- 61 40CFR 63, Subpart ZZZZ: Applicability
- 62 40CFR 63, Subpart ZZZZ: Compliance and Enforcement

Emission Unit Level

- 63 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 64 6 NYCRR Subpart 201-6: Process Definition By Emission Unit
- 65 40CFR 60.5155, Subpart M MMM: Compliance Certification
- 66 40CFR 60.5165, Subpart M MMM: Compliance Certification
- 67 40CFR 60.5165, Subpart M MMM: Compliance Certification
- 68 40CFR 60.5165, Subpart M MMM: Compliance Certification
- 69 40CFR 60.5165, Subpart M MMM: Compliance Certification

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- 70 40CFR 60.5165, Subpart M MMM: Compliance Certification
- 71 40CFR 60.5165, Subpart M MMM: Compliance Certification
- 72 40CFR 60.5165, Subpart M MMM: Compliance Certification
- 73 40CFR 60.5165, Subpart M MMM: Compliance Certification
- 74 40CFR 60.5165, Subpart M MMM: Compliance Certification
- 75 40CFR 60.5165, Subpart M MMM: Compliance Certification
- 76 40CFR 60.5200, Subpart M MMM: Compliance Certification
- 77 40CFR 60.5205(a)(3), Subpart M MMM: Compliance Certification
- 78 40CFR 60.5230, Subpart M MMM: Compliance Certification

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- 79 40CFR 61.50, NESHAP Subpart E: Compliance Certification
- 80 40CFR 61.50, NESHAP Subpart E: Compliance Certification
- 81 40CFR 60.152(a)(2), NSPS Subpart O: Compliance Certification
- 82 40CFR 60.155(a)(1)(i), NSPS Subpart O: Compliance Certification
- 83 40CFR 60.155(a)(2), NSPS Subpart O: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 84 ECL 19-0301: Contaminant List



- 85 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 86 6 NYCRR 211.2: Visible Emissions Limited



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

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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



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

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

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

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

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

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

Item L: Permit Exclusion - ECL 19-0305

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



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

Item M: Federally Enforceable Requirements - 40 CFR 70.6 (b)

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

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

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

**Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 05/09/2016 and 05/08/2021**

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:

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

**Condition 2: Fees
Effective between the dates of 05/09/2016 and 05/08/2021**

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 05/09/2016 and 05/08/2021**

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 05/09/2016 and 05/08/2021**

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 05/09/2016 and 05/08/2021**

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 7/30/2016.

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

Condition 6: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

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.

New York State Department of Environmental Conservation

Permit ID: 6-3016-00048/00011

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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
State Office Building
317 Washington Street
Watertown, NY 13601-3787

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2017.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 7.1:

The Compliance Certification activity will be performed for the Facility.

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Item 7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year. Statements are to be mailed to: New York State Department of Environmental Conservation, Division of Air Resources, Bureau of Air Quality Planning, 625 Broadway, Albany NY 12233-3251

Monitoring Frequency: ANNUALLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due by April 15th for previous calendar year

**Condition 8: Recordkeeping requirements
Effective between the dates of 05/09/2016 and 05/08/2021**

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 05/09/2016 and 05/08/2021**

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:

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

Item 9.2

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

(a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.

(b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.



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

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

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

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

**Condition 10: Maintenance of Equipment
Effective between the dates of 05/09/2016 and 05/08/2021**

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 05/09/2016 and 05/08/2021

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 05/09/2016 and 05/08/2021

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 05/09/2016 and 05/08/2021

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

Item 13.1:

This Condition applies to:

Emission Unit: 100000

Process: WWT

Emission Source: 10001

Item 13.2:

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 05/09/2016 and 05/08/2021

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

Item 14.1:

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



the department upon request.

Condition 15: Requirement to Provide Information
Effective between the dates of 05/09/2016 and 05/08/2021

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

Item 15.1:

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

Condition 16: Right to Inspect
Effective between the dates of 05/09/2016 and 05/08/2021

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

Item 16.1:

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

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

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

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

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

Condition 17: Off Permit Changes
Effective between the dates of 05/09/2016 and 05/08/2021

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

Item 17.1:

No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made



without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

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

(ii) The permit shield described in section 6 NYCRR 201-6.4 shall not apply to any change made pursuant to this paragraph.

Condition 18: Required Emissions Tests
Effective between the dates of 05/09/2016 and 05/08/2021

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 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40 CFR Part 68

Item 19.1:

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

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

Risk Management Plan Reporting Center
C/O CSC

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8400 Corporate Dr
Carrollton, Md. 20785

Condition 20: Recycling and Emissions Reduction
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 82, Subpart F

Item 20.1:

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

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

Condition 21: Emission Unit Definition
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 21.1:

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

Emission Unit: 1-00000

Emission Unit Description:

Exempt wastewater treatment operations including mechanical bar screens, grit removal, primary clarification, diffused air biotreatment, and chlorination/dechlorination.

Building(s): SITE

Item 21.2:

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

Emission Unit: 2-00000

Emission Unit Description:

Combustion operations consisting of two (2) fluidized bed incinerators and three (3) exempt boilers (<10 mmbtu/hr) are present onsite.

Condition 22: Progress Reports Due Semiannually
Effective between the dates of 05/09/2016 and 05/08/2021

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 05/09/2016 and 05/08/2021

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 05/09/2016 and 05/08/2021

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

Item 24.1:

The Compliance Certification activity will be performed for the Facility.

Item 24.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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.



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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 25: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

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

Item 25.1:

The Compliance Certification activity will be performed for the Facility.

Item 25.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Owners and/or operators of a stationary combustion installations that fire distillate oil are limited to the firing of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2016. 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: 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 26: Applicability of Subpart A General Provisions
Effective between the dates of 05/09/2016 and 05/08/2021



Applicable Federal Requirement:40CFR 60, NSPS Subpart A

Item 26.1:

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

Condition 27: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

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

Item 27.1:

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

Emission Unit: 2-00000	Emission Source: 001WI
Process: COM	
Emission Unit: 2-00000	Emission Source: 003WI
Process: COM	

Item 27.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

An excess emissions report as defined by 40 CFR 60.7(c) containing the data outlined in 40 CFR 60.155(b)(1) through (6) must be submitted if the total duration of the excess emissions is 1% or greater of the total operating time or the total CEMs downtime is 5% or greater of the total operating time.

Monitoring Frequency: CONTINUOUS
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 28: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A

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

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Monitoring Description:

Except as provided under paragraphs (e) and (f) of this section, any physical or operational change to an existing facility which results in an increase in the emission rate to the atmosphere of any pollutant to which a standard applies shall be considered a modification within the meaning section 111 of the Act. Upon modification, an existing facility shall become an affected facility for each pollutant to which a standard applies and for which there is an increase in the emission rate to the atmosphere.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 29: Access to sludge charged for sampling
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.153(a)(2), NSPS Subpart O

Item 29.1:

This Condition applies to:

Emission Unit: 200000

Process: COM

Emission Source: 001WI

Emission Unit: 200000

Process: COM

Emission Source: 003WI

Item 29.2:

40 CFR 60.153 Monitoring of operations.

(a) The owner or operator of any sludge incinerator subject to the provisions of Subpart O shall:

(2) Provide access to the sludge charged so that a well-mixed representative grab sample of the sludge can be obtained.

Condition 30: Applicability
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60, NSPS Subpart III

Item 30.1:

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

Condition 31: Compliance and Enforcement
Effective between the dates of 05/09/2016 and 05/08/2021



Applicable Federal Requirement:40CFR 60, NSPS Subpart IIII

Item 31.1:

The Department has not accepted delegation of 40 CFR Part 60 Subpart IIII. Any questions concerning compliance and/or enforcement of this regulation should be referred to USEPA Region 2, 290 Broadway, 21st Floor, New York, NY 10007-1866; (212) 637-4080. Should the Department decide to accept delegation of 40 CFR Part 60 Subpart IIII during the term of this permit, enforcement of this regulation will revert to the Department as of the effective date of delegation.

Condition 32: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.5130, Subpart MMMM

Item 32.1:

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

Emission Unit: 2-00000	
Process: COM	Emission Source: 001WI
Emission Unit: 2-00000	
Process: COM	Emission Source: 003WI

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The operator of a Sewage Sludge Incineration (SSI) unit must be fully trained and certified as described in 40 CFR 60.5130. A SSI unit cannot be operated unless a fully trained and qualified SSI unit operator is on-site or able to be at the facility within 1 hour. A trained and qualified SSI unit operator may operate the SSI unit directly or be the direct supervisor of one or more other plant personnel who operate the unit.

In order to be fully trained and qualified, the operator must successfully complete a Department approved training course and maintain that training through Department approved annual refresher courses.

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 33: Certification Schedule - Dates

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Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.5135, Subpart MMMM

Item 33.1:

This Condition applies to:

Emission Unit: 200000
Process: COM Emission Source: 001WI

Emission Unit: 200000
Process: COM Emission Source: 003WI

Item 33.2:

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 34: Lapsed Operator Certifications

Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.5150, Subpart MMMM

Item 34.1:

This Condition applies to:

Emission Unit: 200000
Process: COM Emission Source: 001WI

Emission Unit: 200000
Process: COM Emission Source: 003WI

Item 34.2:

The holder of lapsed Sewage Sludge Incinerator (SSI) operator qualifications may resume operation of the SSI unit using one of the following methods:

- (a) For a lapse of less than 3 years, the operator must complete a Department approved annual refresher course.
- (b) For a lapse of 3 years or more, the operator must repeat the Department approved initial qualification training.

Condition 35: Dioxin Standard Compliance Option

Effective between the dates of 05/09/2016 and 05/08/2021



Applicable Federal Requirement:40CFR 60.5165, Subpart MMMM

Item 35.1:

This Condition applies to:

Emission Unit: 200000
Process: COM Emission Source: 001WI

Emission Unit: 200000
Process: COM Emission Source: 003WI

Item 35.2:

The owner or operator of a Sewage Sludge Incineration (SSI) unit may choose to comply with 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 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 36: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.5165, Subpart MMMM

Item 36.1:

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

Emission Unit: 2-00000
Process: COM Emission Source: 001WI

Emission Unit: 2-00000
Process: COM Emission Source: 003WI

Emission Unit: 2-00000
Process: COM Emission Point: EP001
Emission Source: 01MEL

Emission Unit: 2-00000
Process: COM Emission Point: EP001
Emission Source: 01MRM

Emission Unit: 2-00000
Process: COM Emission Point: EP001
Emission Source: 03MEL

Emission Unit: 2-00000
Process: COM Emission Point: EP001
Emission Source: 03MRM

Regulated Contaminant(s):
CAS No: 007439-97-6 MERCURY

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Item 36.2:

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 0.037 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).

Parameter Monitored: MERCURY

Upper Permit Limit: 0.037 milligrams per dry standard cubic meter (corrected to 7% oxygen)

Reference Test Method: Method 29

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 37: Compliance Certification

Effective between the dates of 05/09/2016 and 05/08/2021

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

MMMM

Item 37.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner or operator must continuously monitor and record the feed rate of sewage sludge to the Sewage Sludge Incineration (SSI) unit and calculate a 24-hour daily average for all hours of operation. The facility



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owner or operator shall maintain a record of each daily average feed rate 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: CONTINUOUS

Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 38: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

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

MMMM

Item 38.1:

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

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner or operator must maintain a record of the daily average moisture content of sewage sludge fed to the Sewage Sludge Incineration (SSI) unit. In order to demonstrate compliance with this condition, the facility owner or operator must take at least one grab sample per day of the sewage sludge fed to the SSI unit and calculate its moisture content. If more than one sample is taken, the facility owner or operator shall calculate the daily 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: 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 39: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.5175, Subpart M MMM

Item 39.1:

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

Emission Unit: 2-00000	Emission Point: EP001
Process: COM	Emission Source: 001WI
Emission Unit: 2-00000	Emission Point: EP001
Process: COM	Emission Source: 003WI

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the facility use an air pollution control device other than a wet scrubber, fabric filter, electrostatic precipitator, activated carbon injection, or afterburner, or limit emissions in some other manner (e.g., materials balance) to comply with the emission limits in 60.5165, the facility owner or operator must meet the requirements in paragraphs (a) and (b) of this section.

(a) Meet the applicable operating limits and requirements in 60.4850, and establish applicable operating limits according to 60.5190.

(b) Petition the Administrator for specific operating parameters, operating limits, and averaging periods to be established during the initial performance test and to be monitored continuously thereafter.

(1) The facility is responsible for Submitting any supporting information in a timely manner to enable the Administrator to consider the application prior to the performance test. You must not conduct the initial performance test until after the petition has been approved by the Administrator, and you must comply with the operating limits as written, pending approval by the Administrator. Neither submittal of an application, nor the Administrator's failure to approve or disapprove the application relieves you of the responsibility to comply with any provision of this subpart.

(2) The facility petition must include items listed in paragraphs (b)(2)(i) through (b)(2)(v) of this section.



- (i) Identification of the specific parameters the facility propose to monitor.
- (ii) A discussion of the relationship between these parameters and emissions of regulated pollutants, identifying how emissions of regulated pollutants change with changes in these parameters, and how limits on these parameters will serve to limit emissions of regulated pollutants.
- (iii) A discussion of how the facility will establish the upper and/or lower values for these parameters that will establish the operating limits on these parameters, including a discussion of the averaging periods associated with those parameters for determining compliance.
- (iv) A discussion identifying the methods you will use to measure and the instruments you will use to monitor these parameters, as well as the relative accuracy and precision of these methods and instruments.
- (v) A discussion identifying the frequency and methods for recalibrating the instruments you will use for monitoring these parameters.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 40: Emission Limits Apply at All Times
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.5180, Subpart MMMM

Item 40.1:

This Condition applies to:

Emission Unit: 200000
Process: COM Emission Source: 001WI

Emission Unit: 200000
Process: COM Emission Source: 003WI

Item 40.2:

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 41: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.5185, Subpart MMMM

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Item 41.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Item 41.2:

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 M, 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 describe in Table 2 of Subpart M, that will be used. 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 42: Compliance Certification

Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.5190(b), NSPS Subpart

MMMM

Item 42.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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The facility owner or operator shall conduct an initial performance test of the Sewage Sludge Incineration unit, as required by 40 CFR 60.5185, prior to March 21, 2016. As part of that test, the facility owner or operator shall establish the minimum pressure drop across each wet scrubber as the lowest 4-hour average pressure drop measured across each scrubber that demonstrates compliance with the emission standards for particulate matter, lead, and cadmium.

The facility owner or operator shall submit an application for a permit modification to incorporate the newly established minimum pressure drop within 90 days after the satisfactory completion of the initial performance test. Such an application shall include a description of a pressure monitoring system that meets the criteria given in 40 CFR 60.5200(a)(3)(ii)(B)(1) - (6) and 40 CFR 60.5225(a).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 43: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement: 40CFR 60.5190(c), NSPS Subpart

MMMM

Item 43.1:

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

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner or operator shall conduct an initial performance test of the Sewage Sludge Incineration unit, as required by 40 CFR 60.5185, prior to March 21, 2016. As part of that test, the facility owner or operator shall establish the minimum scrubber liquid flow rate for each wet scrubber equal to the lowest 4-hour average liquid flow that demonstrates compliance with the emission standards in Subpart MMMM.



The facility owner or operator shall submit an application for a permit modification to incorporate the newly established minimum liquid flow rate within 90 days after the satisfactory completion of the initial performance test. Such an application shall include a description of the flow monitoring system that meets the criteria given in 40 CFR 60.5200(a)(3)(ii)(A)(1) - (4) and 40 CFR 60.5225(a).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 44: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.5190(d), NSPS Subpart

MMMM

Item 44.1:

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

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

CAS No: 007446-09-5

SULFUR DIOXIDE

CAS No: 007647-01-0

HYDROGEN CHLORIDE

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner or operator shall conduct an initial performance test of the Sewage Sludge Incineration unit, as required by 40 CFR 60.5185, prior to March 21, 2016. As part of that test, the facility owner or operator shall establish the minimum scrubber liquid pH as the lowest 1-hour average pH measured in each scrubber that demonstrates compliance with the emission standards for hydrogen chloride and sulfur dioxide.

The facility owner or operator shall submit an application for a permit modification to incorporate the newly established minimum scrubber liquid pH within 90 days after the satisfactory completion of the initial performance test. Such an application shall include a description of a pH monitoring system that meets the

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criteria given in 40 CFR 60.5200(a)(3)(ii)(C)(1) - (4) and 40 CFR 60.5225(a).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 45: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.5190(e), NSPS Subpart

MMMM

Item 45.1:

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

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner or operator shall conduct an initial performance test of the Sewage Sludge Incineration unit, as required by 40 CFR 60.5185, prior to March 21, 2016. As part of that test, the facility owner or operator shall establish the minimum combustion chamber operating temperature as the lowest 4-hour average operating temperature measured in the combustion chamber that demonstrates compliance with the emission standards of Subpart MMMM.

The facility owner or operator shall submit an application for a permit modification to incorporate the newly established minimum combustion chamber operating temperature within 90 days after the satisfactory completion of the initial performance test. Such an application shall include a description of a temperature measurement device that meets the criteria given in 40 CFR 60.5200(a)(3)(ii)(D)(1) - (4) and 40 CFR 60.5225(a).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 46: Compliance Certification

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Applicable Federal Requirement:40CFR 60.5190(h)(1), NSPS Subpart

MMMM

Item 46.1:

The Compliance Certification activity will be performed for the Facility.

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner or operator shall conduct an initial performance test of the Sewage Sludge Incineration unit, as required by 40 CFR 60.5185, prior to March 21, 2016. As part of that test, the facility owner or operator shall establish the minimum temperature at the scrubber outlet as the lowest 4-hour average operating temperature measured at the scrubber outlet that will demonstrate compliance with the emission standards of Subpart MMMM.

The facility owner or operator shall submit an application for a permit modification to incorporate the newly established minimum temperature within 90 days after the satisfactory completion of the initial performance test. Such an application shall include a description of a temperature monitoring system that meets the criteria given in 40 CFR 60.5200(a)(3)(ii)(D)(1) - (4) and 40 CFR 60.5225(a).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 47: Compliance Certification

Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.5190(h)(1), NSPS Subpart

MMMM

Item 47.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 2-00000
Process: COM

Emission Point: EP001
Emission Source: 01MEL

Emission Unit: 2-00000
Process: COM

Emission Point: EP001
Emission Source: 01MRM



Emission Unit: 2-00000
Process: COM

Emission Point: EP001
Emission Source: 03MEL

Emission Unit: 2-00000
Process: COM

Emission Point: EP001
Emission Source: 03MRM

Regulated Contaminant(s):
CAS No: 007439-97-6 MERCURY

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner or operator shall conduct an initial performance test of the Sewage Sludge Incineration unit, as required by 40 CFR 60.5185, prior to March 21, 2016. As part of that test, the facility owner or operator shall verify the operating pressure drop across each of the mercury modules as specified by the manufacturer that demonstrates compliance with the emission standards for mercury.

The facility owner or operator shall submit an application for a permit modification to incorporate the newly established operating pressure drop within 90 days after the satisfactory completion of the initial performance test. Such an application shall include a description of a pressure monitoring system that meets the criteria given in 40 CFR 60.5200(a)(3)(ii)(B)(1) - (6) and 40 CFR 60.5225(a).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 48: Performance Testing
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement: 40CFR 60.5205, Subpart M

Item 48.1:

This Condition applies to:

Emission Unit: 200000
Process: COM

Emission Source: 001WI

Emission Unit: 200000
Process: COM

Emission Source: 003WI



Item 48.2:

The facility owner or operator must demonstrate initial and continuous compliance with the emission limits and standards specified in this permit. Continuous compliance is demonstrated using an initial performance test and subsequent performance tests for each pollutant on an annual basis (between 11 and 13 calendar months following the previous performance test). Each performance test must be conducted using the test methods, averaging methods, and minimum sampling volumes or durations as specified for each pollutant in this permit, and 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 49: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement: 40CFR 60.5215, Subpart M

Item 49.1:

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

- Emission Unit: 2-00000
- Process: COM
- Emission Source: 001WI

- Emission Unit: 2-00000
- Process: COM
- Emission Source: 003WI

Item 49.2:

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 50: Initial Compliance Report
Effective between the dates of 05/09/2016 and 05/08/2021

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

MMMM

Item 50.1:

The facility owner or operator must submit an initial compliance report containing the following information no later than 60 days following the initial performance test:

- (1) Company name, physical address, and mailing address.
- (2) Statement by a responsible official, with that official's name, title, and signature, certifying the accuracy of the content of the report.
- (3) Date of report.
- (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.

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(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 51: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

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

MMMM

Item 51.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Item 51.2:

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 1/30/2017.

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

Condition 52: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

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

MMMM

Item 52.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI



Emission Unit: 2-00000
Process: COM

Emission Source: 003WI

Item 52.2:

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 MMMM, 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 MMMM;
- (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 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).

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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 53: General Provisions - Preconstruction Review
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 61.05(a), NESHAP Subpart A

Item 53.1:

This Condition applies to:

Emission Unit: 200000

Process: COM

Emission Source: 001WI

Emission Unit: 200000

Process: COM

Emission Source: 003WI

Item 53.2:

After the effective date of any standard promulgated under 40 CFR 61, no owner or operator shall construct or modify any stationary source subject to that standard without first obtaining written approval from the Administrator in accordance with 40 CFR 61 Subpart A.

Condition 54: §61.12(a) - Compliance with numerical standards and
maintenance requirements
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 61.12, NESHAP Subpart A

Item 54.1:

This Condition applies to:

Emission Unit: 200000

Process: COM

Emission Source: 001WI

Emission Unit: 200000

Process: COM

Emission Source: 003WI

Item 54.2:

(a) Compliance with numerical emission limits shall be determined by emission tests established in

§61.13 unless otherwise specified in an individual subpart.

(b) Compliance with design, equipment, work practice or operational standards shall be determined



as specified in an individual subpart.

Condition 55: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement: 40CFR 61.15, NESHAP Subpart A

Item 55.1:

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

Emission Unit: 2-00000
Process: COM Emission Source: 001WI

Emission Unit: 2-00000
Process: COM Emission Source: 003WI

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

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

- (a) Except as provided under paragraph (d) of this section, any physical or operational change to a stationary source which results in an increase in the rate of emission to the atmosphere of a hazardous pollutant to which a standard applies shall be considered a modification.
- (b) Upon modification, an existing source shall become a new source for each hazardous pollutant for which the rate of emission to the atmosphere increases and to which a standard applies.
- (c) Emission factors - (see text of Federal Register)
- (d) The following shall not, by themselves, be considered modifications under this part:
 - (1) Maintenance, repair, and replacement which the Administrator determines to be routine for a source category.
 - (2) An increase in production rate of a stationary source, if that increase can be accomplished without a capital expenditure on the stationary source.
 - (3) An increase in the hours of operation.

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(4) Any conversion to coal that meets the requirements specified in section 111(a)(8) of the Act.

(5) The relocation or change in ownership of a stationary source. However, such activities must be reported in accordance with §61.10(c)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 56: General Provisions - Modifications
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 61.15(a), NESHAP Subpart A

Item 56.1:

This Condition applies to:

Emission Unit: 200000

Process: COM

Emission Source: 001WI

Emission Unit: 200000

Process: COM

Emission Source: 003WI

Item 56.2:

Except as provided under paragraph (d) of 40 CFR 61.15, any physical or operational change to a stationary source which results in an increase in the rate of emission to the atmosphere of a hazardous pollutant to which a standard applies shall be considered a modification.

Upon modification, an existing source shall become a new source for each hazardous pollutant for which the rate of emission to the atmosphere increases and to which a standard applies.

Condition 57: Circumvention
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 61.19, NESHAP Subpart A

Item 57.1:

No owner or operator shall build, erect, install, or use any article machine, equipment, process or method, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous dilutants to achieve compliance with a visible emissions standard, and the piecemeal carrying out of an operation to avoid coverage by a standard that applies only to operations larger than a specified size.

Condition 58: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021



Applicable Federal Requirement: 40CFR 61.33, NESHAP Subpart C

Item 58.1:

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

Emission Unit: 2-00000
Process: COM Emission Source: 001WI

Emission Unit: 2-00000
Process: COM Emission Source: 003WI

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

Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Unless a waiver of emission testing is obtained pursuant to 40 CFR 61.13, each owner or operator of a facility required to comply with 40 CFR 61.32(a) shall test emissions from the source according to Method 104 of Appendix B of 40 CFR 61 Subpart C or according to Method 29 of Appendix A to 40 CFR Part 60. Method 103 of Appendix B to 40 CFR 61 Subpart C is approved by the Administrator as an alternative method for sources subject to 40 CFR 61.32(a). The emission test shall be performed:

- (1) By May 28, 2014 in the case of an existing source or a new source which has an initial startup date preceding February 27, 2014; or
- (2) Within 90 days of startup in the case of a new source which did not have an initial startup date preceding February 27, 2014.

The Administrator shall be notified at least 30 days prior to an emission test so that he may at his option observe the test.

Samples shall be taken over such a period or periods as are necessary to accurately determine the maximum emissions which will occur in any 24-hour period. Where emissions depend upon the relative frequency of operation of different types of processes, operating hours, operating capacities, or other factors, the calculation of maximum 24-hour-period emissions will be based on that combination of factors which is likely to occur during the subject period and which result in the maximum emissions. No changes in the operation shall be made, which would

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potentially increase emissions above that determined by the most recent source test, until a new emission level has been estimated by calculation and the results reported to the Administrator.

All samples shall be analyzed and beryllium emissions shall be determined within 30 days after the source test. All determinations shall be reported to the Administrator by a registered letter dispatched before the close of the next business day following such determination.

Records of emission test results and other data needed to determine total emissions shall be retained at the source and made available, for inspection by the Administrator, for a minimum of 2 years.

Upper Permit Limit: 10 grams

Reference Test Method: EPA Reference Test Method 104, 29, or 103

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 24 HOUR MAXIMUM

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 59: Applicability

Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 63, Subpart JJJJJJ

Item 59.1:

Facilities that are area sources of HAP with industrial, commercial, or institutional boilers must comply with applicable portions of 40 CFR 63 JJJJJJ.

Condition 60: Compliance and Enforcement

Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 63, Subpart JJJJJJ

Item 60.1:

The Department has not accepted delegation of 40 CFR Part 63 Subpart JJJJJJ. Any questions concerning compliance and/or enforcement of this regulation should be referred to USEPA Region 2, 290 Broadway, 21st Floor, New York, NY 10007-1866; (212) 637-4080. Should the Department decide to accept delegation of 40 CFR Part 63 Subpart JJJJJJ during the term of this permit, enforcement of this regulation will revert to the Department as of the effective date of delegation.

Condition 61: Applicability

Effective between the dates of 05/09/2016 and 05/08/2021

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Facility DEC ID: 6301600048



Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 61.1:

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

Condition 62: Compliance and Enforcement

Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 62.1:

The Department has not accepted delegation of 40 CFR Part 63 Subpart ZZZZ. Any questions concerning compliance and/or enforcement of this regulation should be referred to USEPA Region 2, 290 Broadway, 21st Floor, New York, NY 10007-1866; (212) 637-4080. Should the Department decide to accept delegation of 40 CFR Part 63 Subpart ZZZZ during the term of this permit, enforcement of this regulation will revert to the Department as of the effective date of delegation.

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

Condition 63: Emission Point Definition By Emission Unit

Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 63.1:

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

Emission Unit: 2-00000

Emission Point: EP001

Height (ft.): 32

Diameter (in.): 18

NYTMN (km.): 4771.942

NYTME (km.): 484.091

Emission Point: EP003

Height (ft.): 32

Diameter (in.): 18

NYTMN (km.): 4771.94

NYTME (km.): 484.062

Condition 64: Process Definition By Emission Unit

Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:6 NYCRR Subpart 201-6



Item 64.1:

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

Emission Unit: 1-00000
Process: WWT Source Classification Code: 5-01-007-01
Process Description:
Wastewater operations, consisting of bar screens, grit removal, primary and secondary clarification, diffused air biotreatment, chlorination/dechlorination, and sludge thickening.

Emission Source/Control: 10001 - Process
Design Capacity: 48,000,000 gallons per day

Item 64.2:

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

Emission Unit: 2-00000
Process: COM Source Classification Code: 5-01-005-06
Process Description:
Combustion process consisting of two fluidized bed incinerators burning sewage sludge using no.2 fuel oil, two boilers burning natural gas with no.2 fuel oil as a backup fuel (boilers have less than 10 mmbtu/hr heat input), and one boiler combusting #2 fuel oil or kerosene.

Emission Source/Control: 003OA - Control
Control Type: OVERFIRE AIR

Emission Source/Control: 01MEL - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: 01MRM - Control
Control Type: COMPOSITE MESH-PAD

Emission Source/Control: 03IPS - Control
Control Type: IMPINGEMENT PLATE SCRUBBER

Emission Source/Control: 03MEL - Control
Control Type: MIST ELIMINATOR

Emission Source/Control: 03MRM - Control
Control Type: COMPOSITE MESH-PAD

Emission Source/Control: 03WVS - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: 100OA - Control
Control Type: OVERFIRE AIR

Emission Source/Control: 10IPS - Control



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Control Type: IMPINGEMENT PLATE SCRUBBER

Emission Source/Control: 10WVS - Control

Control Type: VENTURI SCRUBBER

Emission Source/Control: 001WI - Incinerator

Design Capacity: 1,670 pounds per hour

Waste Feed Method: AUTOMATIC PNEUMATIC FEED, SCREW
CONVEYOR

Waste Type: SEWAGE SLUDGE

Emission Source/Control: 003WI - Incinerator

Design Capacity: 1,670 pounds per hour

Waste Feed Method: SCREW CONVEYOR TO PROGRESSIVE CAVITY
PUMP

Waste Type: SEWAGE SLUDGE

Condition 65: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.5155, Subpart MMMM

Item 65.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Item 65.2:

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 66: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement: 40CFR 60.5165, Subpart M

Item 66.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 2-00000	
Process: COM	Emission Source: 001WI

Emission Unit: 2-00000	
Process: COM	Emission Source: 003WI

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

Item 66.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:

The facility owner or operator must ensure that emissions

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of cadmium do not exceed 0.0016 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 volume of at least 1 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: 0.0016 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 67: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement: 40CFR 60.5165, Subpart M

Item 67.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Regulated Contaminant(s):

CAS No: 000630-08-0

CARBON MONOXIDE

Item 67.2:

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 64 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).



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Upper Permit Limit: 64 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 68: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement: 40CFR 60.5165, Subpart M

Item 68.1:

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

Emission Unit: 2-00000
Process: COM

Emission Source: 001WI

Emission Unit: 2-00000
Process: COM

Emission Source: 003WI

Regulated Contaminant(s):

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

Item 68.2:

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 0.10 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: 0.1 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 69: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

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Permit ID: 6-3016-00048/00011

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Applicable Federal Requirement:40CFR 60.5165, Subpart M

Item 69.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Regulated Contaminant(s):

CAS No: 001746-01-6

2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN

Item 69.2:

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 1.2 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: 1.2 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 70: Compliance Certification

Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.5165, Subpart M

Item 70.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-00000

Item 70.2:

Compliance Certification shall include the following monitoring:

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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: 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 71: Compliance Certification

Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.5165, Subpart M

Item 71.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Regulated Contaminant(s):

CAS No: 007647-01-0

HYDROGEN CHLORIDE

Item 71.2:

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 0.51 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 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

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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: 0.51 parts per million by volume
(dry, corrected to 7% O₂)

Reference Test Method: EPA Reference Test Method 26A

Monitoring Frequency: ANNUALLY

Averaging Method: ARITHMETIC MEAN

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 72: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement: 40CFR 60.5165, Subpart M

Item 72.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Regulated Contaminant(s):

CAS No: 007439-92-1 LEAD

Item 72.2:

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 0.0074 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: 0.0074 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 73: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.5165, Subpart M

Item 73.1:

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

Emission Unit: 2-00000
Process: COM Emission Source: 001WI

Emission Unit: 2-00000
Process: COM Emission Source: 003WI

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

Item 73.2:

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 150 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: 150 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 74: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.5165, Subpart M

Item 74.1:

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

Emission Unit: 2-00000
Process: COM Emission Source: 001WI

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Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 74.2:

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 18 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: 18 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 75: Compliance Certification

Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement: 40CFR 60.5165, Subpart M

Item 75.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 75.2:

Compliance Certification shall include the following monitoring:

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Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility owner or operator must ensure that emissions of sulfur dioxide do not exceed 15 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 60 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: 15 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 76: Compliance Certification

Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement: 40CFR 60.5200, Subpart M

Item 76.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Item 76.2:

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.

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(b) A description of the items listed in 40 CFR 60.5200(b) if a bag leak detection system is used.

(c) Provisions for conducting an initial performance evaluation of each continuous monitoring system and bag leak detection system, as applicable, in accordance with the monitoring plan and the requirements of 40 CFR 60.13(c). Each such performance evaluation shall be conducted within 60 days of the installation of the monitoring system.

(d) Specification of the operating procedures for the ash handling system that the facility owner or operator will follow to meet the fugitive emissions limitation in Subpart Mmmm.

Monitoring plans developed pursuant to this condition must be submitted to the Department at least 60 days prior to the initial performance evaluation of the continuous monitoring systems and at least 60 days in advance of the initial compliance date.

The facility owner or operator must update and resubmit the monitoring plan if there are any changes or potential changes in the monitoring procedures or processes used at the facility (as defined in 40 CFR 60.5250).

The monitoring plan developed pursuant to this condition, including any changes, must be maintained on site, and must be provided to the Department upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 77: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

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

Item 77.1:

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

Emission Unit: 2-00000
Process: COM

Emission Source: 001WI

Emission Unit: 2-00000
Process: COM

Emission Source: 003WI

Item 77.2:

Compliance Certification shall include the following monitoring:

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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 78: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.5230, Subpart MMMM

Item 78.1:

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

Emission Unit: 2-00000
Process: COM

Emission Source: 001WI

Emission Unit: 2-00000
Process: COM

Emission Source: 003WI

Item 78.2:

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 79: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement: 40CFR 61.50, NESHAP Subpart E

Item 79.1:

The Compliance Certification activity will be performed for:

Emission Unit: 2-00000

Regulated Contaminant(s):
CAS No: 007439-97-6 MERCURY

Item 79.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

A. Emission Standard. Emissions to the atmosphere from sludge incineration plants, sludge drying plants, or a combination of these that process wastewater treatment plant sludges shall not exceed 3200 grams of mercury per 24-hour period.

B. Stack Testing Method 101A in Appendix B to 40CFR61 shall be used to test emissions as follows:

(1) The test shall be performed within 90 days of startup in the case of a new source. Existing sources were to be tested within 90 days of the effective date of 40CFR61 Subpart E.

(2) The Administrator shall be notified at least 30 days prior to an emission test, so that he may at his option observe the test.

(3) Samples shall be taken over such a period or periods as are necessary to determine accurately the maximum emissions which will occur in a 24-hour period. No changes shall be made in the operation which would potentially increase emissions above the level determined by the most recent stack test, until the new emission level has been estimated by calculation and the results reported to the Administrator.

(4) All samples shall be analyzed and mercury emissions shall be determined within 30 days after the stack test. Each determination shall be reported to the Administrator

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by a registered letter dispatched within 15 calendar days following the date such determination is completed.

(5) Records of emission test results and other data needed to determine total emissions shall be retained at the source and shall be made available, for the inspection by the Administrator, for a minimum of 2 years.

C. Sludge sampling. As an alternative means to stack testing for demonstrating compliance with the emission standard, an owner or operator may follow the procedures found in 40CFR61.54- sludge sampling.

D. Monitoring of emissions and operations. All sources for which mercury emissions exceed 1,600 grams per 24-hour period, demonstrated either by stack sampling according to 40CFR61.53 or sludge sampling according to 40CFR61.54, shall monitor mercury emissions at intervals of at least once per year by use of Method 105 of 40CFR61 Appendix B or use the procedures specified in 40CFR61.53 (d)(2) and (4). The results of monitoring shall be reported by a registered letter dispatched within 15 calendar days following the date samples are analyzed. Records of sampling results shall be retained at the source and made available for inspection for a minimum of 2 years.

Parameter Monitored: MERCURY
Upper Permit Limit: 3200 grams per day
Reference Test Method: EPA Method 101A
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
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 80: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 61.50, NESHAP Subpart E

Item 80.1:
The Compliance Certification activity will be performed for:

Emission Unit: 2-00000

Regulated Contaminant(s):
CAS No: 007439-97-6 MERCURY



Item 80.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

As an alternative to the stack sampling required by 40 CFR 61.53, the facility owner or operator may use Method 105 of Appendix B to 40 CFR 61 and the following procedures:

1. A sludge test shall be conducted within 90 days of start up .
2. The Administrator shall be notified at least 30 days prior to a sludge sampling test.
3. Sludge shall be sampled according to EPA Method 105-Determination of Mercury in Wastewater Treatment Plant Sewage Sludges. A total of three composite samples shall be obtained within an operating period of 24 hours. When the 24-hour operating period is not continuous, the total sampling period shall not exceed 72 hours after the first grab sample is obtained. Samples shall not be exposed to any condition that may result in mercury contamination or loss.
4. The maximum 24-hour period sludge incineration or drying rate shall be determined by use of a flow rate measurement device that can measure the mass rate of sludge charged to the incinerator or dryer with an accuracy of +/- 5 percent over its operating range. Other methods of measuring sludge mass charging rates may be used if they have received prior approval by the Administrator.
5. The sampling, handling, preparation, and analysis of sludge samples shall be accomplished according to Method 105 in Appendix B of 40CFR61.
6. The mercury emissions shall be determined by use of the following equation:

$$E_{Hg} = (MQF_{sm}(avg))/1000$$

Where: E_{Hg} = Mercury emissions, g/day.

M = Mercury concentration of sludge on a dry solids basis, ug/g.

Q = Sludge changing rate, kg/day.



Fsm = Weight fraction of solids in the collected sludge after mixing.

1000 = Conversion factor, kg ug/g².

7. No changes in the operation of a plant shall be made after a sludge test has been conducted which would potentially increase emissions above the level determined by the most recent sludge test, until the new emission level has been estimated by calculation and the results reported to the Administrator.

8. All sludge samples shall be analyzed for mercury content within 30 days after the sludge sample is collected. Each determination shall be reported to the Administrator by a registered letter dispatched within 15 calendar days following the date such determination is completed.

9. Records of sludge sampling, charging rate determination and other data needed to determine mercury content of wastewater treatment plant sludges shall be retained at the source and made available, for inspection by the Administrator, for a minimum of 5 years.

Parameter Monitored: FEED RATE
Upper Permit Limit: 3200 grams per day
Reference Test Method: EPA Reference Test Method 105
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
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 81: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement: 40CFR 60.152(a)(2), NSPS Subpart O

Item 81.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 2-00000
Process: COM Emission Source: 001WI

Emission Unit: 2-00000
Process: COM Emission Source: 003WI

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Item 81.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

§ 60.152 Standard for particulate matter.
(a) On and after the date on which the performance test required to be conducted by §60.8 is completed, no owner or operator of any sewage sludge incinerator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere of:

(2) Any gases which exhibit 20 percent opacity or greater.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 82: Compliance Certification

Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.155(a)(1)(i), NSPS Subpart

O

Item 82.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Item 82.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

§ 60.155 Reporting.
(a) The owner or operator of any multiple hearth, fluidized bed, or electric sludge incinerator subject to the provisions of this subpart shall submit to the Administrator semi-annually a report in writing which contains the following:
(1) A record of average scrubber pressure drop measurements for each period of 15 minutes duration or



more during which the pressure drop of the scrubber was less than, by a percentage specified below, the average scrubber pressure drop measured during the most recent performance test. The percent reduction in scrubber pressure drop for which a report is required shall be determined as follows:

(i) For incinerators that achieved an average particulate matter emission rate of 0.38 kg/Mg (0.75 lb/ton) dry sludge input or less during the most recent performance test, a scrubber pressure drop reduction of more than 30 percent from the average scrubber pressure drop recorded during the most recent performance test shall be reported.

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 83: Compliance Certification
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable Federal Requirement:40CFR 60.155(a)(2), NSPS Subpart O

Item 83.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Item 83.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

§ 60.155 Reporting.

(a) The owner or operator of any multiple hearth, fluidized bed, or electric sludge incinerator subject to the provisions of this subpart shall submit to the Administrator semi-annually a report in writing which contains the following:

(2) A record of average oxygen content in the incinerator exhaust gas for each period of 1-hour duration or more that the oxygen content of the incinerator exhaust gas exceeds the average oxygen content measured during the most recent performance test by more than 3 percent.

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Monitoring Frequency: CONTINUOUS

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: 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 84: Contaminant List
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable State Requirement:ECL 19-0301

Item 84.1:
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

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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: 0NY100-00-0
Name: TOTAL HAP

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

Condition 85: Malfunctions and start-up/shutdown activities
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable State Requirement:6 NYCRR 201-1.4

Item 85.1:

(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.

Condition 86: Visible Emissions Limited
Effective between the dates of 05/09/2016 and 05/08/2021

Applicable State Requirement:6 NYCRR 211.2

Item 86.1:

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

