

**New York State Department of Environmental Conservation**  
**Facility DEC ID: 6301600048**



**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 6-3016-00048/00009  
Mod 0 Effective Date: 09/02/2003 Expiration Date: No expiration date.  
Mod 1 Effective Date: 04/24/2006 Expiration Date: No expiration date.

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

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

Description:

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: BRIAN D FENLON  
DIVISION OF ENVIRONMENTAL PERMITS  
STATE OFFICE BLDG, 317 WASHINGTON ST  
WATERTOWN, NY 13601-3787

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 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 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 and Modifications

Permit Modifications, Suspensions and Revocations by the Department

**Facility Level**

Submission of Applications for Permit Modification or Renewal -REGION 6  
HEADQUARTERS



**DEC GENERAL CONDITIONS**

\*\*\*\* General Provisions \*\*\*\*

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**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 and Modifications**  
**Applicable State Requirement: 6NYCRR 621.13**

**Item 3.1:**

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

**Item 3.2:**

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

**Item 3.3:**

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

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transfer of ownership.

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

**Item 4.1:**

The Department reserves the right to modify, suspend, or revoke this permit 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 Applications for Permit Modification or Renewal -REGION 6 HEADQUARTERS**  
**Applicable State Requirement: 6NYCRR 621.5(a)**

**Item 5.1:**

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

NYSDEC Regional Permit Administrator  
Region 6 Headquarters  
Division of Environmental Permits  
State Office Building, 317 Washington Street  
Watertown, NY 13601-3787  
(315) 785-2245



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**Permit Under the Environmental Conservation Law (ECL)**

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY 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

Mod 0 Permit Effective Date: 09/02/2003

Permit Expiration Date: No expiration date.

Mod 1 Permit Effective Date: 04/24/2006

Permit Expiration Date: No expiration date.



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1-1 6NYCRR 201-7: Facility Permissible Emissions
- 1 6NYCRR 212.5(a): Emissions from two or more devices through one emission point
- 2 6NYCRR 212.5(b): Emissions from a Single device through multiple emission points
- 3 6NYCRR 225-1.8: Compliance Demonstration
- 4 6NYCRR 225-1.8(a): Compliance Demonstration
- 5 6NYCRR 225-1.8(d): Sampling, compositing, and analysis of fuel samples
- 6 40CFR 60.7(c), NSPS Subpart A: Excess emissions report.
- 7 40CFR 60.14, NSPS Subpart A: Compliance Demonstration
- 8 40CFR 61.05, NESHAP Subpart A: §61.05(a) - Preconstruction Review
- 9 40CFR 61.12, NESHAP Subpart A: §61.12(a) - Compliance with numerical standards and maintenance requirements
- 10 40CFR 61.15, NESHAP Subpart A: Compliance Demonstration
- 11 40CFR 61.19, NESHAP Subpart A: Circumvention
- 12 40CFR 61.30, NESHAP Subpart C: Ambient Monitoring
- 13 40CFR 61.30, NESHAP Subpart C: burning of beryllium prohibited
- 14 40CFR 61.30, NESHAP Subpart C: Stack Sampling
- 1-2 40CFR 61.32(a), NESHAP Subpart C: Compliance Demonstration
- 15 40CFR 61.50, NESHAP Subpart E: Conditions for wastewater treatment sludge incineration and drying plants
- 16 40CFR 61.50, NESHAP Subpart E: Sludge Sampling-Sludge incineration and drying plants. (may be used as an alternative to stack testing)

**Emission Unit Level**

**EU=1-00000,Proc=WWT**

- 17 6NYCRR 212.6(a): Compliance Demonstration

**EU=1-00000,Proc=WWT,ES=10001**

- 18 6NYCRR 212.4(a): Emissions from new emission sources and/or modifications
- 19 6NYCRR 212.4(c): Compliance Demonstration

**EU=2-00000**

- \*1-3 6NYCRR 201-7: Capping Monitoring Condition
- \*1-4 6NYCRR 201-7: Capping Monitoring Condition
- \*1-5 6NYCRR 201-7: Capping Monitoring Condition

**EU=2-00000,Proc=COM**

- 23 6NYCRR 212.6(a): Compliance Demonstration



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**EU=2-00000,Proc=COM,ES=001WI**

- 24 6NYCRR 212.3(a): Emissions from existing sources
- 1-6 6NYCRR 212.4(c): Compliance Demonstration
- 1-7 6NYCRR 212.5(e): Sources meeting Federal requirements, satisfy Part 212 compliance for regulated contaminant
- 1-8 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 1-9 40CFR 60.7(a), NSPS Subpart A: Modification Notification
- 1-10 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 1-11 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
- 1-12 40CFR 60.7(d), NSPS Subpart A: Compliance Demonstration
- 1-13 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 1-14 40CFR 60.9, NSPS Subpart A: Availability of information.
- 1-15 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.
- 1-16 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 1-17 40CFR 60.14, NSPS Subpart A: Modifications.
- 1-18 40CFR 60.15, NSPS Subpart A: Reconstruction.
- 1-19 40CFR 60.152(a), NSPS Subpart O: Compliance Demonstration
- 1-20 40CFR 60.153(a)(2), NSPS Subpart O: Access to sludge charged for sampling
- 1-21 40CFR 60.153(b)(1), NSPS Subpart O: Compliance Demonstration
- 1-22 40CFR 60.153(b)(2), NSPS Subpart O: Compliance Demonstration
- 1-23 40CFR 60.153(c)(2), NSPS Subpart O: Compliance Demonstration
- 1-24 40CFR 60.153(d), NSPS Subpart O: Compliance Demonstration
- 1-25 40CFR 60.155(a)(1)(i), NSPS Subpart O: Compliance Demonstration
- 1-27 40CFR 60.155(a)(2), NSPS Subpart O: Compliance Demonstration

**EU=2-00000,Proc=COM,ES=002WI**

- 26 6NYCRR 212.3(a): Emissions from existing sources
- 27 6NYCRR 212.3(b): Existing sources - 212.3(b) particulate matter standard.
- 1-26 6NYCRR 212.5(e): Sources meeting Federal requirements, satisfy Part 212 compliance for regulated contaminant

**EU=2-00000,Proc=COM,ES=003WI**

- 28 6NYCRR 212.4(a): Emissions from new emission sources and/or modifications
- 29 6NYCRR 212.4(c): Compliance Demonstration
- 30 6NYCRR 212.5(e): Sources meeting Federal requirements, satisfy Part 212 compliance for regulated contaminant
- 31 40CFR 60.4, NSPS Subpart A: EPA Region 2 address.
- 32 40CFR 60.7(a), NSPS Subpart A: Modification Notification
- 33 40CFR 60.7(b), NSPS Subpart A: Recordkeeping requirements.
- 34 40CFR 60.7(d), NSPS Subpart A: Excess Emissions Report
- 35 40CFR 60.7(d), NSPS Subpart A: Compliance Demonstration
- 36 40CFR 60.7(f), NSPS Subpart A: Facility files for subject sources.
- 37 40CFR 60.9, NSPS Subpart A: Availability of information.
- 38 40CFR 60.11, NSPS Subpart A: Opacity standard compliance testing.



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- 39 40CFR 60.13, NSPS Subpart A: Monitoring requirements.
- 40 40CFR 60.14, NSPS Subpart A: Modifications.
- 41 40CFR 60.15, NSPS Subpart A: Reconstruction.
- 42 40CFR 60.152(a), NSPS Subpart O: Compliance Demonstration
- 43 40CFR 60.153(a)(2), NSPS Subpart O: Access to sludge charged for sampling
- 44 40CFR 60.153(b)(1), NSPS Subpart O: Compliance Demonstration
- 45 40CFR 60.153(b)(2), NSPS Subpart O: Compliance Demonstration
- 46 40CFR 60.153(c)(2), NSPS Subpart O: Compliance Demonstration
- 47 40CFR 60.153(d), NSPS Subpart O: Compliance Demonstration
- 48 40CFR 60.155(a)(1)(i), NSPS Subpart O: Compliance Demonstration
- 49 40CFR 60.155(a)(2), NSPS Subpart O: Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 51 ECL 19-0301: Contaminant List
- 52 6NYCRR 201-1.4: Unavoidable noncompliance and violations
- 53 6NYCRR 201-5: Emission Unit Definition
- 55 6NYCRR 211.2: Air pollution prohibited

**Emission Unit Level**

- 56 6NYCRR 201-5: Emission Point Definition By Emission Unit
- 57 6NYCRR 201-5: Process Definition By Emission Unit

NOTE: \* preceding the condition number indicates capping.



**FEDERALLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability**

**Item A: Sealing - 6NYCRR Part 200.5**

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

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

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

**Item B: Acceptable Ambient Air Quality - 6NYCRR Part 200.6**

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.

**Item C: Maintenance of Equipment - 6NYCRR Part 200.7**

Any person who owns or operates an air contamination

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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.

**Item D: Unpermitted Emission Sources - 6NYCRR Part 201-1.2**

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

(a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.

(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

**Item E: Emergency Defense - 6NYCRR Part 201-1.5**

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

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

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

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

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

(4) The facility owner and/or operator notified the Department within two working days after the event



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occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

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

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

**Item F: Recycling and Salvage - 6NYCRR Part 201-1.7**

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

**Item G: Prohibition of Reintroduction of Collected Contaminants to the Air - 6NYCRR Part 201-1.8**

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.

**Item H: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR Part 201-3.2(a)**

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

**Item I: Proof of Eligibility for Sources Defined as Trivial Activities - 6 NYCRR Part 201-3.3(a)**

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific



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

**Item J: Required Emission Tests - 6 NYCRR Part 202-1.1**

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

**Item K: Visible Emissions Limited - 6 NYCRR Part 211.3**

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.

**Item L: Open Fires - 6 NYCRR Part 215**

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

**Item M: 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



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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 N: 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.

**FEDERAL APPLICABLE REQUIREMENTS**

**The following conditions are federally enforceable.**

**Condition 1-1: Facility Permissible Emissions**

**Effective between the dates of 04/24/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-1.1:**

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 007446-09-5 (From Mod 1) PTE: 198,000 pounds per year  
Name: SULFUR DIOXIDE

**Condition 1: Emissions from two or more devices through one emission point**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.5(a)**

**Item 1.1:**

Where air contaminants from two or more devices or contrivances are emitted to the outdoor atmosphere



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through a single emission point, the permissible emission rate or degree of air cleaning required is determined by using the sum of the process weights or emission rate potentials for all such devices or contrivances

**Condition 2: Emissions from a Single device through multiple emission points**  
**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.5(b)**

**Item 2.1:**

Where air contaminants from a single device or contrivance are emitted to the outdoor atmosphere through more than one emission point, the sum of the emissions from all such emission points shall not exceed the quantity that would be permitted if said emissions were through a single emission point

**Condition 3: Compliance Demonstration**  
**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 225-1.8**

**Item 3.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 3.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 4: Compliance Demonstration**  
**Effective between the dates of 09/02/2003 and Permit Expiration Date**

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

**Item 4.1:**



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The Compliance Demonstration activity will be performed for the Facility.

**Item 4.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 5: Sampling, compositing, and analysis of fuel samples  
Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 225-1.8(d)**

**Item 5.1:**

All sampling, compositing, and analysis of fuel samples, taken to determine compliance with 6 NYCRR Part 225-1, must be done in accordance with methods acceptable to the commissioner.

**Condition 6: Excess emissions report.  
Effective between the dates of 09/02/2003 and Permit Expiration Date**

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

**Item 6.1:**

Affected owners or operators shall submit an excess emissions report and/or a summary report form (as defined in 40 CFR 60.7(d)) semi-annually (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be post marked no later than 30 days after each calendar quarter (or as appropriate), and shall contain the following information:

- 1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;
- 2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;



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3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments; and

4) when no excess emissions have occurred or when the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be provided in the report.

**Condition 7: Compliance Demonstration**  
**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.14, NSPS Subpart A**

**Item 7.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

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

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

Emission Unit: 2-00000  
Process: COM                      Emission Source: 002WI

Regulated Contaminant(s):  
CAS No: ONY075-00-0    PARTICULATES

**Item 7.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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



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**Condition 8: §61.05(a) - Preconstruction Review**  
**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 61.05, NESHAP Subpart A**

**Item 8.1:**

After the effective date of any standard, 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 this subpart.

**Condition 9: §61.12(a) - Compliance with numerical standards and maintenance requirements**  
**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 61.12, NESHAP Subpart A**

**Item 9.1:**

(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 10: Compliance Demonstration**  
**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 61.15, NESHAP Subpart A**

**Item 10.1:**

The Compliance Demonstration activity will be performed for the Facility.

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

**Item 10.2:**

Compliance Demonstration 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



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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.

(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 11: Circumvention**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 61.19, NESHAP Subpart A**

**Item 11.1:**

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 12: Ambient Monitoring**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 61.30, NESHAP Subpart C**

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**Item 12.1:**

**Air Sampling:**

- (a) Stationary sources subject to the alternative standard (ambient concentration limit) shall locate air sampling sites in accordance with a plan approved by the Administrator. Such sites shall be located in such a manner as is calculated to detect maximum concentrations of beryllium in the ambient air.
- (b) All monitoring sites shall be operated continuously except for a reasonable time allowance for instrument maintenance and calibration, for changing filters, or for replacement of equipment needing major repair.
- (c) Filters shall be analyzed and concentrations calculated within 30 days after filters are collected. Records of concentrations at all sampling sites and other data needed to determine such concentrations shall be retained at the source and made available, for inspection by the Administrator, for a minimum of 2 years.
- (d) Concentrations measured at all sampling sites shall be reported to the Administrator every 30 days by a registered letter.
- (e) The Administrator may at any time require changes in, or expansion of, the sampling network.

**Condition 13: burning of beryllium prohibited**  
**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 61.30, NESHAP Subpart C**

**Item 13.1:**

The burning of beryllium and/or beryllium-containing waste, except propellants, is prohibited except in incinerators, emissions from which must comply with the standard.

**Condition 14: Stack Sampling**  
**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 61.30, NESHAP Subpart C**

**Item 14.1:**

Unless a waiver of emission testing is obtained, each owner or operator of a source required to comply with the 24-hour standard shall test emissions from the source according to Method 104 of appendix B to 40CFR61. Method 103 of appendix B is approved as an alternative method. The emission test shall be performed:

1. Within 90 days of startup for new sources which did not have an initial startup date preceding the effective date of Subpart C.
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.

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3. 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 on 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 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.

4. 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.

5. 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.

**Condition 1-2: Compliance Demonstration**

**Effective between the dates of 04/24/2006 and Permit Expiration Date**

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

**Item 1-2.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

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

Emission Unit: 2-00000  
Process: COM                      Emission Source: 002WI

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

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

**Item 1-2.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Samples shall be taken over such a period or periods as are necessary to accurately determine the maximum emissions which will occur in an 24 hour period. Where



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emissions depend upon the relative frequency of operation of different types of process, 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.

Parameter Monitored: CONCENTRATION

Upper Permit Limit: 10 grams per day

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

**Condition 15: Conditions for wastewater treatment sludge incineration and drying plants  
Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 61.50, NESHAP Subpart E**

**Item 15.1:**

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 start up 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 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.



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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.

**Condition 16: Sludge Sampling-Sludge incineration and drying plants.  
(may be used as an alternative to stack testing)  
Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 61.50, NESHAP Subpart E**

**Item 16.1:**

Sludge Sampling. As an alternative to stack sampling, an owner or operator may use Method 105 of Appendix B to 40CFR61 and the following procedures.

1. A sludge test shall be conducted within 90 days of startup .
2. The Administrator shall be notified at least 30 days prior to a sludge sampling test, so that he may at his option observe the 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/g<sup>2</sup>.

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 2 years.

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

**Condition 17: Compliance Demonstration**  
**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 17.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-00000

Process: WWT

**Item 17.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves



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the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 18: Emissions from new emission sources and/or modifications  
Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.4(a)**

**Item 18.1:**

This Condition applies to Emission Unit: 1-00000

Process: WWT

Emission Source: 10001

**Item 18.2:**

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 19: Compliance Demonstration  
Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Item 19.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-00000

Process: WWT

Emission Source: 10001

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 19.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust

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gas, expressed at standard conditions on a dry gas basis.  
Compliance testing will be conducted at the discretion of  
the Department.

Parameter Monitored: PARTICULATES  
Upper Permit Limit: 0.05 grains per dscf  
Reference Test Method: EPA Method 5  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING  
DESCRIPTION  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED  
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 1-3: Capping Monitoring Condition**  
**Effective between the dates of 04/24/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-3.1:**

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

6NYCRR 201-6.1(a)(1)

**Item 1-3.2:**

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

**Item 1-3.3:**

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

**Item 1-3.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 1-3.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

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**Item 1-3.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 1-3.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE FACILITY WILL RESTRICT THE THRUPUT OF 0.5% SULFUR BY WEIGHT NO.2 FUEL OIL FIRED IN THE BOILERS TO 570000 GALLONS PER YEAR AND WILL MAINTAIN RECORDS ONSITE TO DEMONSTRATE COMPLIANCE WITH THE FACILITY CAP FOR A PERIOD OF TWO YEARS. RECORDS OF FUEL USAGE WILL BE AN ANNUAL TOTAL ROLLED MONTHLY AND WILL BE REPORTED ANNUALLY.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NUMBER 2 OIL

Upper Permit Limit: 570000 gallons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

**Condition 1-4: Capping Monitoring Condition**

**Effective between the dates of 04/24/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-4.1:**

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

6NYCRR 201-6.1(a)(1)



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**Item 1-4.2:**

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

**Item 1-4.3:**

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

**Item 1-4.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 1-4.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 1-4.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 1-4.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

ANNUAL FACILITY WIDE EMISSIONS OF SO<sub>2</sub>  
SHALL BE CALCULATED MONTHLY USING AP-42  
EMISSION FACTORS OR THE LATEST STACK TEST  
DATA AND REPORTED ANNUALLY.

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

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**Condition 1-5: Capping Monitoring Condition**

**Effective between the dates of 04/24/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 201-7**

**Item 1-5.1:**

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

6NYCRR 201-6.1(a)(1)

**Item 1-5.2:**

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

**Item 1-5.3:**

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

**Item 1-5.4:**

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 1-5.5:**

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

**Item 1-5.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 1-5.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes



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Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

FACILITY WIDE USE OF #2 FUEL OIL IS LIMITED TO 0.5% SULFUR BY WEIGHT OR LESS. FUEL OIL SUPPLIER CERTIFICATIONS SHALL BE PROVIDED TO THE FACILITY WITH EACH DELIVERY AND RECORDS OF THE CERTIFICATIONS SHALL BE KEPT ONSITE FOR A MINIMUM OF 2 YEARS.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: NUMBER 2 OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.5 percent by weight

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2007.

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

**Condition 23: Compliance Demonstration**  
**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.6(a)**

**Item 23.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000

Process: COM

**Item 23.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person will cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.



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Parameter Monitored: OPACITY  
Upper Permit Limit: 20 percent  
Reference Test Method: Method 9  
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION  
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)  
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 24: Emissions from existing sources**  
**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.3(a)**

**Item 24.1:**

This Condition applies to Emission Unit: 2-00000  
Process: COM Emission Source: 001WI

**Item 24.2:**

No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 1-6: Compliance Demonstration**  
**Effective between the dates of 04/24/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Item 1-6.1:**

The Compliance Demonstration activity will be performed for:

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

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

**Item 1-6.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING  
Monitoring Description:  
Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES



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Upper Permit Limit: 0.050 grains per dscf  
Reference Test Method: EPA Method 5  
Monitoring Frequency: CONTINUOUS  
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST  
METHOD INDICATED  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2006.  
Subsequent reports are due every 6 calendar month(s).

**Condition 1-7: Sources meeting Federal requirements, satisfy Part 212 compliance for regulated contaminant Effective between the dates of 04/24/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.5(e)**

**Item 1-7.1:**

This Condition applies to Emission Unit: 2-00000  
Process: COM Emission Source: 001WI

**Item 1-7.2:**

A process emission source, subject to the Federal new source performance standards in 40 CFR Part 60, the national emission standards for hazardous air pollutants in 40 CFR Part 61, or to the polychlorinated biphenyl disposal criteria in 40 CFR part 761 satisfies the requirements of this Part for the contaminant regulated by the Federal standard if the source owner can demonstrate that the source is in compliance with the respective Federal regulation.

**Condition 1-8: EPA Region 2 address. Effective between the dates of 04/24/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A**

**Item 1-8.1:**

This Condition applies to Emission Unit: 2-00000  
Process: COM Emission Source: 001WI

**Item 1-8.2:**

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

Director, Division of Enforcement and Compliance Assistance  
USEPA Region 2  
290 Broadway, 21st Floor  
New York, NY 10007-1886

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



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following address:

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

**Condition 1-9: Modification Notification**

**Effective between the dates of 04/24/2006 and Permit Expiration Date**

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

**Item 1-9.1:**

This Condition applies to Emission Unit: 2-00000  
Process: COM Emission Source: 001WI

**Item 1-9.2:**

Any owner or operator subject to 40 CFR Part 60 shall furnish the Administrator and this office with the following information:

- a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under 40 CFR Part 60. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productivity capability of the facility before and after the change, and the expected completion date of the change. The Administrator and/or this Department may request additional information regarding the change.

**Condition 1-10: Recordkeeping requirements.**

**Effective between the dates of 04/24/2006 and Permit Expiration Date**

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

**Item 1-10.1:**

This Condition applies to Emission Unit: 2-00000  
Process: COM Emission Source: 001WI

**Item 1-10.2:**

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

**Condition 1-11: Excess Emissions Report**

**Effective between the dates of 04/24/2006 and Permit Expiration Date**

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

**Item 1-11.1:**

This Condition applies to Emission Unit: 2-00000  
Process: COM Emission Source: 001WI

**Item 1-11.2:**

A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).

**Condition 1-12: Compliance Demonstration**

**Effective between the dates of 04/24/2006 and Permit Expiration Date**

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

**Item 1-12.1:**

The Compliance Demonstration activity will be performed for:

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

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

**Item 1-12.2:**

Compliance Demonstration 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 7/30/2006.

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

**Condition 1-13: Facility files for subject sources.**

**Effective between the dates of 04/24/2006 and Permit Expiration Date**

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



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**Facility DEC ID: 6301600048**

**Item 1-13.1:**

This Condition applies to Emission Unit: 2-00000  
Process: COM Emission Source: 001WI

**Item 1-13.2:**

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspection. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

**Condition 1-14: Availability of information.**

**Effective between the dates of 04/24/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.9, NSPS Subpart A**

**Item 1-14.1:**

This Condition applies to Emission Unit: 2-00000  
Process: COM Emission Source: 001WI

**Item 1-14.2:**

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

**Condition 1-15: Opacity standard compliance testing.**

**Effective between the dates of 04/24/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.11, NSPS Subpart A**

**Item 1-15.1:**

This Condition applies to Emission Unit: 2-00000  
Process: COM Emission Source: 001WI

**Item 1-15.2:**

The following conditions shall be used to determine compliance with the opacity standards:

1) observations shall be conducted in accordance with Reference Method 9, in Appendix A or this Part 40 CFR 60(or an equivalent method approved by the Administrator including continuous opacity monitors);

2) the opacity standards apply at all times except during periods of start up, shutdown, and malfunction; and

3) all other applicable conditions cited in section 60.11 of this part.



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**Condition 1-16: Monitoring requirements.**

Effective between the dates of 04/24/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.13, NSPS Subpart A

**Item 1-16.1:**

This Condition applies to Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

**Item 1-16.2:**

All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

**Condition 1-17: Modifications.**

Effective between the dates of 04/24/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.14, NSPS Subpart A

**Item 1-17.1:**

This Condition applies to Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

**Item 1-17.2:**

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

**Condition 1-18: Reconstruction.**

Effective between the dates of 04/24/2006 and Permit Expiration Date

Applicable Federal Requirement: 40CFR 60.15, NSPS Subpart A

**Item 1-18.1:**

This Condition applies to Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

**Item 1-18.2:**

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

- 1) a notice of intent to reconstruct 60 days prior to the action;
- 2) name and address of the owner or operator;
- 3) the location of the existing facility;
- 4) a brief description of the existing facility and the components to be replaced;



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- 5) a description of the existing air pollution control equipment and the proposed air pollution control equipment;
- 6) an estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new facility;
- 7) the estimated life of the facility after the replacements; and
- 8) a discussion of any economic or technical limitations the facility may have in complying with the applicable standards of performance after the proposed replacements.

**Condition 1-19: Compliance Demonstration**

**Effective between the dates of 04/24/2006 and Permit Expiration Date**

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

**Item 1-19.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000

Process: COM                      Emission Source: 001WI

Regulated Contaminant(s):

CAS No: 0NY075-00-0    PARTICULATES

**Item 1-19.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

On or after the date on which the performance test required to be conducted by 40 CFR 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:

- (1) Particulate matter at a rate in excess of 0.65 g/Kg dry sludge input (1.30 pounds/ton dry sludge input).
- (2) Any gases which exhibit 20 percent opacity or greater.

Compliance testing shall be conducted upon request from the department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

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**DESCRIPTION**

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 1-20: Access to sludge charged for sampling**

**Effective between the dates of 04/24/2006 and Permit Expiration Date**

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

**Item 1-20.1:**

This Condition applies to Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

**Item 1-20.2:**

**§ 60.153 Monitoring of operations.**

**(a) The owner or operator of any sludge incinerator subject to the provisions of this subpart shall:**

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

**Condition 1-21: Compliance Demonstration**

**Effective between the dates of 04/24/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.153(b)(1), NSPS Subpart O**

**Item 1-21.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

**Item 1-21.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

60.153 (b) The owner or operator of any multiple hearth, fluidized bed, or electric sludge incinerator subject to the provisions of this subpart shall comply with the requirements of paragraph (a) of this section and:

(1) For incinerators equipped with a wet scrubbing device, install, calibrate, maintain and operate a monitoring device that continuously measures and records the pressure drop of the gas flow through the wet scrubbing device. Where a combination of wet scrubbers is used in series, the pressure drop of the gas flow through the combined system shall be continuously monitored. The device used to



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monitor scrubber pressure drop shall be certified by the manufacturer to be accurate within  $\pm 250$  pascals ( $\pm 1$  inch water gauge) and shall be calibrated on an annual basis in accordance with the manufacturer's instructions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 1-22: Compliance Demonstration**

**Effective between the dates of 04/24/2006 and Permit Expiration Date**

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

**Item 1-22.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

**Item 1-22.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

60.153(b) The owner or operator of any multiple hearth, fluidized bed, or electric sludge incinerator subject to the provisions of this subpart shall comply with the requirements of paragraph (a) of this section and:

(2) Install, calibrate, maintain and operate a monitoring device that continuously measures and records the oxygen content of the incinerator exhaust gas. The oxygen monitor shall be located upstream of any rabble shaft cooling air inlet into the incinerator exhaust gas stream, fan, ambient air recirculation damper, or any other source of dilution air. The oxygen monitoring device shall be certified by the manufacturer to have a relative accuracy of  $\pm 5$  percent over its operating range and shall be calibrated according to method(s) prescribed by the manufacturer at least once each 24-hour operating period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



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**Condition 1-23: Compliance Demonstration**

Effective between the dates of 04/24/2006 and Permit Expiration Date

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

**Item 1-23.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

**Item 1-23.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Records of the measured oxygen content of the incinerator exhaust gas as required by 40 CFR 60.153(b)(2) shall be retained and made available to the administrator for a minimum of 2 years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 1-24: Compliance Demonstration**

Effective between the dates of 04/24/2006 and Permit Expiration Date

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

**Item 1-24.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

**Item 1-24.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(d) The owner or operator of any multiple hearth, fluidized bed, or electric sludge incinerator subject to the provisions of this subpart from which the particulate matter emission rate measured during the performance test required under §60.154(d) is less than or equal to 0.38 g/kg of dry sludge input (0.75 lb/ton) shall be required

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to comply with the requirements in paragraphs (a), (b), and (c) of this section during all periods of this incinerator following the performance test except that:

- (1) Continuous operation of the monitoring devices and data recorders in 217 paragraphs (a)(1), (b)(3), and (b)(4) of this section shall not be required.
- (2) Daily sampling and analysis of sludge feed in paragraph (b)(5) of this section shall not be required.
- (3) Recordkeeping specified in paragraph (c)(3) of this section shall not be required.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 1-25: Compliance Demonstration**

**Effective between the dates of 04/24/2006 and Permit Expiration Date**

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

**Item 1-25.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

**Item 1-25.2:**

Compliance Demonstration 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:



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(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.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

**Condition 1-27: Compliance Demonstration**

**Effective between the dates of 04/24/2006 and Permit Expiration Date**

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

**Item 1-27.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000

Process: COM

Emission Source: 001WI

**Item 1-27.2:**

Compliance Demonstration 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.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2006.

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

**Condition 26: Emissions from existing sources**  
**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.3(a)**

**Item 26.1:**

This Condition applies to Emission Unit: 2-00000  
Process: COM Emission Source: 002WI

**Item 26.2:**

No person will cause or allow emissions that violate the requirement specified in Table 2, Table 3, or Table 4 of 6NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 27: Existing sources - 212.3(b) particulate matter standard.**  
**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.3(b)**

**Item 27.1:**

This Condition applies to Emission Unit: 2-00000  
Process: COM Emission Source: 002WI

**Item 27.2:**

In instances where determination of permissible emission rate using process weight is not applicable (see Table 5 of Part 212) and for an environmental rating of B or C, no person will cause or allow emissions of solid particulates that exceed 0.15 grains of particulates per cubic foot of exhaust gas, corrected for dilution air and expressed at standard conditions on a dry gas basis.

**Condition 1-26: Sources meeting Federal requirements, satisfy Part 212**  
**compliance for regulated contaminant**  
**Effective between the dates of 04/24/2006 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.5(e)**

**Item 1-26.1:**

This Condition applies to Emission Unit: 2-00000  
Process: COM Emission Source: 002WI

**Item 1-26.2:**

A process emission source, subject to the Federal new source performance standards in 40 CFR Part 60, the national emission standards for hazardous air pollutants in 40 CFR Part 61, or to the polychlorinated biphenyl disposal criteria in 40 CFR part 761 satisfies the requirements of this Part for the contaminant regulated by the Federal standard if the source owner can demonstrate that the source is in compliance with the respective Federal regulation.



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**Condition 28: Emissions from new emission sources and/or modifications  
Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.4(a)**

**Item 28.1:**

This Condition applies to Emission Unit: 2-00000  
Process: COM Emission Source: 003WI

**Item 28.2:**

No person shall cause or allow emissions that exceed the applicable permissible emission rate as determined from Table 2, Table 3, or Table 4 of 6 NYCRR Part 212 for the environmental rating issued by the commissioner.

**Condition 29: Compliance Demonstration  
Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.4(c)**

**Item 29.1:**

The Compliance Demonstration activity will be performed for:

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

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

**Item 29.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of solid particulates are limited to less than 0.050 grains of particulates per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis. Compliance testing will be conducted at the discretion of the Department.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.05 grains per dscf

Reference Test Method: EPA Method 5

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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**Condition 30: Sources meeting Federal requirements, satisfy Part 212 compliance for regulated contaminant Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 6NYCRR 212.5(e)**

**Item 30.1:**

This Condition applies to Emission Unit: 2-00000  
Process: COM Emission Source: 003WI

**Item 30.2:**

A process emission source, subject to the Federal new source performance standards in 40 CFR Part 60, the national emission standards for hazardous air pollutants in 40 CFR Part 61, or to the polychlorinated biphenyl disposal criteria in 40 CFR part 761 satisfies the requirements of this Part for the contaminant regulated by the Federal standard if the source owner can demonstrate that the source is in compliance with the respective Federal regulation.

**Condition 31: EPA Region 2 address. Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.4, NSPS Subpart A**

**Item 31.1:**

This Condition applies to Emission Unit: 2-00000  
Process: COM Emission Source: 003WI

**Item 31.2:**

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

Director, Division of Enforcement and Compliance Assistance  
USEPA Region 2  
290 Broadway, 21st Floor  
New York, NY 10007-1886

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

NYSDEC  
Bureau of Enforcement and Compliance Assurance  
625 Broadway  
Albany, NY 12233-3258



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**Condition 32: Modification Notification**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

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

**Item 32.1:**

This Condition applies to Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

**Item 32.2:**

Any owner or operator subject to 40 CFR Part 60 shall furnish the Administrator and this office with the following information:

- a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under 40 CFR Part 60. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productivity capability of the facility before and after the change, and the expected completion date of the change. The Administrator and/or this Department may request additional information regarding the change.

**Condition 33: Recordkeeping requirements.**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

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

**Item 33.1:**

This Condition applies to Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

**Item 33.2:**

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

**Condition 34: Excess Emissions Report**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

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

**Item 34.1:**

This Condition applies to Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

**Item 34.2:**

A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form

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prescribed in Figure 1 of 40 CFR Part 60.7(d).

**Condition 35: Compliance Demonstration**  
**Effective between the dates of 09/02/2003 and Permit Expiration Date**

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

**Item 35.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 35.2:**

Compliance Demonstration 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 1/30/2004.

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

**Condition 36: Facility files for subject sources.**  
**Effective between the dates of 09/02/2003 and Permit Expiration Date**

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

**Item 36.1:**

This Condition applies to Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

**Item 36.2:**

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device



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calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspection. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

**Condition 37: Availability of information.**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.9, NSPS Subpart A**

**Item 37.1:**

This Condition applies to Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

**Item 37.2:**

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

**Condition 38: Opacity standard compliance testing.**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.11, NSPS Subpart A**

**Item 38.1:**

This Condition applies to Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

**Item 38.2:**

The following conditions shall be used to determine compliance with the opacity standards:

1) observations shall be conducted in accordance with Reference Method 9, in Appendix A or this Part 40 CFR 60 (or an equivalent method approved by the Administrator including continuous opacity monitors);

2) the opacity standards apply at all times except during periods of start up, shutdown, and malfunction; and

3) all other applicable conditions cited in section 60.11 of this part.

**Condition 39: Monitoring requirements.**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.13, NSPS Subpart A**

**Item 39.1:**

This Condition applies to Emission Unit: 2-00000

Process: COM

Emission Source: 003WI



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**Item 39.2:**

All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

**Condition 40: Modifications.**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.14, NSPS Subpart A**

**Item 40.1:**

This Condition applies to Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

**Item 40.2:**

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

**Condition 41: Reconstruction.**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.15, NSPS Subpart A**

**Item 41.1:**

This Condition applies to Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

**Item 41.2:**

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

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



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applicable standards of performance after the proposed replacements.

**Condition 42: Compliance Demonstration**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

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

**Item 42.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 42.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

On or after the date on which the performance test required to be conducted by 40 CFR 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:

(1) Particulate matter at a rate in excess of 0.65 g/Kg dry sludge input (1.30 pounds/ton dry sludge input).

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

Compliance testing shall be conducted upon request from the department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 43: Access to sludge charged for sampling**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

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

**Item 43.1:**



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This Condition applies to Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

**Item 43.2:**

**§ 60.153 Monitoring of operations.**

**(a) The owner or operator of any sludge incinerator subject to the provisions of this subpart shall:**

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

**Condition 44: Compliance Demonstration**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.153(b)(1), NSPS Subpart O**

**Item 44.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

**Item 44.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

60.153 (b) The owner or operator of any multiple hearth, fluidized bed, or electric sludge incinerator subject to the provisions of this subpart shall comply with the requirements of paragraph (a) of this section and:

(1) For incinerators equipped with a wet scrubbing device, install, calibrate, maintain and operate a monitoring device that continuously measures and records the pressure drop of the gas flow through the wet scrubbing device. Where a combination of wet scrubbers is used in series, the pressure drop of the gas flow through the combined system shall be continuously monitored. The device used to monitor scrubber pressure drop shall be certified by the manufacturer to be accurate within  $\pm 250$  pascals ( $\pm 1$  inch water gauge) and shall be calibrated on an annual basis in accordance with the manufacturer's instructions.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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**Condition 45: Compliance Demonstration**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

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

**Item 45.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

**Item 45.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

60.153(b) The owner or operator of any multiple hearth, fluidized bed, or electric sludge incinerator subject to the provisions of this subpart shall comply with the requirements of paragraph (a) of this section and:

(2) Install, calibrate, maintain and operate a monitoring device that continuously measures and records the oxygen content of the incinerator exhaust gas. The oxygen monitor shall be located upstream of any rabble shaft cooling air inlet into the incinerator exhaust gas stream, fan, ambient air recirculation damper, or any other source of dilution air. The oxygen monitoring device shall be certified by the manufacturer to have a relative accuracy of  $\pm 5$  percent over its operating range and shall be calibrated according to method(s) prescribed by the manufacturer at least once each 24-hour operating period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 46: Compliance Demonstration**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

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

**Item 46.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000



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Process: COM

Emission Source: 003WI

**Item 46.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Records of the measured oxygen content of the incinerator exhaust gas as required by 40 CFR 60.153(b)(2) shall be retained and made available to the administrator for a minimum of 2 years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 47: Compliance Demonstration**  
**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable Federal Requirement: 40CFR 60.153(d), NSPS Subpart O**

**Item 47.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 47.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any multiple hearth, fluidized bed, or electric sludge incinerator subject to the provisions of this subpart from which the particulate matter emission rate measured during the performance test required under §60.154(d) is less than or equal to 0.38 g/kg of dry sludge input (0.75 lb/ton) shall be required to comply with the requirements in paragraphs (a), (b), and (c) of this section during all periods of this incinerator following the performance test except that:

(1) Continuous operation of the monitoring devices and data recorders in paragraphs (a)(1), (b)(3), and (b)(4) of

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this section shall not be required.

(2) Daily sampling and analysis of sludge feed in paragraph (b)(5) of this section shall not be required.

(3) Recordkeeping specified in paragraph (c)(3) of this section shall not be required.

Stack testing showed this incinerator emitted particulates at the rate of 0.097 lbs/ton of dry sludge feed.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 48: Compliance Demonstration**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

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

**Item 48.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 48.2:**

Compliance Demonstration 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:

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(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.

The average pressure drop recorded during the performance test was 26.3 inches of water. The average scrubber pressure drop for each period of 15 minutes or more during which the pressure drop falls below 18.4 inches of water triggers the additional reporting requirement.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2004.

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

**Condition 49: Compliance Demonstration**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

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

**Item 49.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 2-00000

Process: COM

Emission Source: 003WI

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 49.2:**

Compliance Demonstration 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

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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.

The average oxygen content measured during the most recent stack test was 7.3 percent (wet basis). Each 1-hour duration with an oxygen content greater than 10.3 percent for this emission source must be reported.

Monitoring Frequency: CONTINUOUS

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2004.

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: Public Access to Recordkeeping for Facilities With State Facility Permits - 6NYCRR Part 201-1.10(a)**

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1) , and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

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

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

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

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law.

**STATE ONLY APPLICABLE REQUIREMENTS**

**The following conditions are state only enforceable.**

**Condition 51: Contaminant List**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable State Requirement: ECL 19-0301**

**Item 51.1:**

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

CAS No: 007440-41-7

Name: BERYLLIUM

CAS No: 0NY100-00-0

Name: HAP

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

**Condition 52: Unavoidable noncompliance and violations**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-1.4**

**Item 52.1:**

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

- (a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the



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identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

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

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

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

(e) In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets.

**Condition 53: Emission Unit Definition**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 53.1(From Mod 1):**

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

Emission Unit: 1-00000

Emission Unit Description:

WASTEWATER TREATMENT OPERATIONS INCLUDING  
MECHANICAL BAR SCREENS, GRIT REMOVAL,  
PRIMARY CLARIFICATION, DIFFUSED AIR  
BIOTREATMENT, AND  
CHLORINATION/DECHLORINATION.

Building(s): SITE



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**Item 53.2(From Mod 1):**

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

Emission Unit: 2-00000

Emission Unit Description:

COMBUSTION OPERATIONS CONSISTING OF THREE  
(3) FLUIDIZED BED INCINERATORS AND THREE  
(3) BOILERS.

Building(s): SITE

**Condition 55: Air pollution prohibited**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 211.2**

**Item 55.1:**

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.

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

**Condition 56: Emission Point Definition By Emission Unit**

**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 56.1(From Mod 1):**

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

Emission Unit: 2-00000

Emission Point: 20004

Height (ft.): 32

Length (in.): 18

Width (in.): 18

Emission Point: 20005

Height (ft.): 32

Length (in.): 18

Width (in.): 18

Emission Point: 20006

Height (ft.): 36

Length (in.): 23

Width (in.): 23

Emission Point: EP001



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Height (ft.): 32                      Diameter (in.): 18

Emission Point: EP002  
Height (ft.): 32                      Diameter (in.): 22

Emission Point: EP003  
Height (ft.): 32                      Diameter (in.): 18

**Condition 57: Process Definition By Emission Unit**  
**Effective between the dates of 09/02/2003 and Permit Expiration Date**

**Applicable State Requirement: 6NYCRR 201-5**

**Item 57.1(From Mod 1):**

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

Emission Unit: 1-00000

Process: WWT

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 57.2(From Mod 1):**

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 THREE  
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 ONLY.

Emission Source/Control: 003OA - Control

Control Type: OVERFIRE AIR

Emission Source/Control: 02IPS - Control

Control Type: IMPINGEMENT PLATE SCRUBBER



Emission Source/Control: 02WVS - Control  
Control Type: VENTURI SCRUBBER

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

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

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

Emission Source/Control: 10IPS - Control  
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: 002WI - 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: AUTOMATIC PNEUMATIC FEED, SCREW  
CONVEYOR  
Waste Type: SEWAGE SLUDGE