



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Solid Waste Management
Permit ID: 5-4126-00114/00001
Effective Date:

Expiration Date:

Permit Type: Air State Facility
Permit ID: 5-4126-00114/00002
Effective Date:

Expiration Date:

Permit Issued To: BEDMINSTER SARATOGA LLC
615 MAIN ST
CORINTH, NY 12822

Contact: RALPH PETRUZZO
BEDMINSTER SARATOGA LLC
615 MAIN STREET
CORINTH, NY 12822
(518) 654-2574

Facility: BEDMINSTER SARATOGA LLC
615 MAIN ST
CORINTH, NY 12822

Description:

The proposed facility site is located in the Village of Corinth, Saratoga County, NY approximately one mile southeast of the downtown section of the Village of Corinth. The site is located on Main Street between Gabriel Road and Fuller Road. The site will not extend beyond the stream located in the panhandle of the property. A plot Plan (Site Plan) delineates the proposed area and existing facility is included herein.

Facility buildings will include the Tip/ATAD building for MWS and biosolid delivery receiving and biosolid digestion equipment, and a drying building for drying some compost product for market. The facility will include a wood fired gasifier to heat liquid for radiant floors, two biofilters for the process air, and an oil fired furnace for building heat. The facility will produce high quality compost and high nutrient soil admixtures derived from processing municipal solid waste (MSW) and biosolids. There will also be an electric water boiler located in the ATAD building to provide hot water for the digester heating coils.

New York State Department of Environmental Conservation
Facility DEC ID: 5412600114



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: WALTER L HAYNES
 DIVISION OF ENVIRONMENTAL PERMITS
 232 GOLF COURSE RD
 WARRENSBURG, NY 12885

Authorized Signature: _____ Date: ___ / ___ / _____



Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

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

Item B: Permittee's Contractors to Comply with Permit

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

Item C: Permittee Responsible for Obtaining Other Required Permits

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

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

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



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

- Submission of Applications for Permit Modification or Renewal
 - REGION 5 SUBOFFICE



DEC GENERAL CONDITIONS
****** General Provisions ******
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3:

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



Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:

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 4.2:

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 4.3:

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

Condition 5: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 5.1:

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.

Condition 6: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 6.1:

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

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



Condition 7: Permit Modifications, Suspensions and Revocations by the Department
Applicable State Requirement: 6 NYCRR 621.14

Item 7.1:

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

Item 8.1:

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

NYSDEC Regional Permit Administrator
Region 5 Sub-office
Division of Environmental Permits
232 Hudson St, PO Box 220
Warrensburg, NY 12885-0220
(518) 623-1281

New York State Department of Environmental Conservation

Permit ID: 5-4126-00114/00002

Facility DEC ID: 5412600114



Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

Permit Issued To:BEDMINSTER SARATOGA LLC
615 MAIN ST
CORINTH, NY 12822

Facility: BEDMINSTER SARATOGA LLC
615 MAIN ST
CORINTH, NY 12822

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

Permit Effective Date:

Permit Expiration Date:



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Emission Unit Level

EU=1-00615

- 1 6 NYCRR 212.4 (a): Emissions from new emission sources and/or modifications
- 2 6 NYCRR 212.4 (c): Compliance Demonstration
- 3 6 NYCRR 212.6 (a): Compliance Demonstration

EU=W-F0001

- 4 6 NYCRR 227-1.2 (a) (4): Compliance Demonstration
- 5 6 NYCRR 227-1.3 (a): Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 6 ECL 19-0301: Contaminant List
- 7 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 8 6 NYCRR Subpart 201-5: Emission Unit Definition
- 9 6 NYCRR 211.2: Air pollution prohibited

Emission Unit Level

- 10 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 11 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

EU=1-00615

- 12 6 NYCRR 211.2: Compliance Demonstration
- 13 6 NYCRR 211.2: Compliance Demonstration
- 14 6 NYCRR 211.2: Compliance Demonstration
- 15 6 NYCRR 211.2: Compliance Demonstration
- 16 6 NYCRR 211.2: Compliance Demonstration
- 17 6 NYCRR 211.2: Compliance Demonstration
- 18 6 NYCRR 211.2: Compliance Demonstration
- 19 6 NYCRR 211.2: Compliance Demonstration
- 20 6 NYCRR 211.2: Compliance Demonstration
- 21 6 NYCRR 211.2: Compliance Demonstration



FEDERALLY ENFORCEABLE CONDITIONS
****** Emission Unit 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 - 6 NYCRR 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 - 6 NYCRR 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 - 6 NYCRR 200.7

Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications,



required to operate such device effectively.

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

If an existing emission source was subject to the permitting requirements of 6 NYCRR 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 - 6 NYCRR 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 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 - 6 NYCRR 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 - 6 NYCRR 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 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 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 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 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 6 NYCRR Subpart 202-1.

Item K: Visible Emissions Limited - 6 NYCRR 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 Prohibitions - 6 NYCRR 215.2

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

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 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: Emissions from new emission sources and/or modifications
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR 212.4 (a)

Item 1.1:

This Condition applies to Emission Unit: 1-00615

Item 1.2:

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 2: Compliance Demonstration
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR 212.4 (c)

Item 2.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-00615

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 2.2:

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: 0.050 grains per dscf

Reference Test Method: EPA Method 5

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST
METHOD INDICATED

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE



Condition 3: Compliance Demonstration
Effective for entire length of Permit

Applicable Federal Requirement: 6 NYCRR 212.6 (a)

Item 3.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-00615

Item 3.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies on a daily basis while the process is in operation. The permittee will immediately investigate any instance where there is cause to believe that visible emissions above those that are normal and in compliance are occurring or have occurred from a process source.

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

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

Records of these observations, investigations and corrective actions will be kept on-site in a format acceptable to the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION



Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 4: Compliance Demonstration
Effective for entire length of Permit

Applicable Federal Requirement:6 NYCRR 227-1.2 (a) (4)

Item 4.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: W-F0001

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

Item 4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Any stationary combustion installation that is not subject to 6NYCRR section 227-1.2(b)(3), and is burning any of the following three fuels:

1. coal and/or wood;
2. coke;
3. or any solid fuel derived from coal

must limit particulate emissions into the outdoor atmosphere to meet the permissible emission rates specified in Table 1 of 6NYCRR Subpart 227-1.2(b).

Parameter Monitored: PARTICULATES
Upper Permit Limit: 0.6 pounds per million Btus
Reference Test Method: Method 5 (40CFR60)
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 5: Compliance Demonstration
Effective for entire length of Permit

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

Item 5.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: W-F0001

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



Item 5.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

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

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

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

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

- weather condition
- was a plume observed?

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

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

**** NOTE **** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam

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plumes are white in color and have a billowy consistency.
Steam plumes dissipate within a short distance of the
stack (the colder the air the longer the steam plume will
last) and leave no dispersion trail downwind of the
stack.

Parameter Monitored: OPACITY

Upper 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: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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 - 6 NYCRR 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 law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.



Condition 6: Contaminant List
Effective for entire length of Permit

Applicable State Requirement:ECL 19-0301

Item 6.1:

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

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

CAS No: 0NY998-00-0
Name: VOC

Condition 7: Unavoidable noncompliance and violations
Effective for entire length of Permit

Applicable State Requirement:6 NYCRR 201-1.4

Item 7.1:

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 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 8: Emission Unit Definition
Effective for entire length of Permit**

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 8.1:

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

Emission Unit: 1-00615

Emission Unit Description:

This emission unit has five (5) emission sources.

(1) The boiler which will process the air from all other sources. The biofilter, will have a total surface area of 74,000 square feet. It will consist of 16 equal sections of 4,625 square feet. Only 12 of the sections will be in operation at a time.

(2) The ATAD Building's primary source of emissions is the process of unloading biosolids and mixing the biosolids slurry in the mixing tank prior to pumping to the ATAD digesters.

(3) The Tipping Building's emission source is the process of sorting mixed municipal solid waste (MSW), the mixing of the MSW with biosolids, and the loading of the rotary drum digester with the MSW/biosolids mix.

(4) The rotary drum digester's emission source is the continuous movement and tumbling (and resulting digestion) of the MSW/biosolids mix.

(5) The Drying Building's emission source is the windrow composting of output of the rotary drum digester and the ATAD process, as well as the rotary screening of the



rotary drum digester output and the finished compost.

Building(s): ATAD
Drying
Tip

Item 8.2:

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

Emission Unit: W-F0001

Emission Unit Description:

The first emission source is a 6 MMBTU/hr wood fired furnace (WF-001) located next to the drying building used to heat the liquid for the drying building radiant floors.

Building(s): Drying

**Condition 9: Air pollution prohibited
Effective for entire length of Permit**

Applicable State Requirement:6 NYCRR 211.2

Item 9.1:

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 10: Emission Point Definition By Emission Unit
Effective for entire length of Permit**

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 10.1:

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

Emission Unit: 1-00615

Emission Point: BF001

Height (ft.): 4 Length (in.): 6840 Width (in.): 1560
NYTMN (km.): 4786.732 NYTME (km.): 595.855

Item 10.2:

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

Emission Unit: W-F0001



Emission Point: WF001
Height (ft.): 38 Diameter (in.): 14
NYTMN (km.): 4786.732 NYTME (km.): 595.855

**Condition 11: Process Definition By Emission Unit
Effective for entire length of Permit**

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 11.1:

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

Emission Unit: 1-00615
Process: ATA
Process Description:
In the ATAD building, truck-delivered biosolids are unloaded and placed in a tank and mixed with water to form a 6% solids slurry.

Emission Source/Control: 61502 - Control
Control Type: BIOLOGICAL OXIDATION

Emission Source/Control: 0ATAD - Process

Item 11.2:

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

Emission Unit: 1-00615
Process: DIG
Process Description:
In the rotary drum digester, the MSW/biosolids mix is digested aerobically in the rotating drum for up to three days.

Emission Source/Control: 61502 - Control
Control Type: BIOLOGICAL OXIDATION

Emission Source/Control: DIGST - Process

Item 11.3:

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

Emission Unit: 1-00615
Process: DRY
Process Description:
In the drying building, the rotary drum digester output (digested MSW/biosolids) is screened, mixed with the ATAD output (digested biosolids), windrow composted for a minimum of 50 days, screened again, then out-loaded to trucks for delivery to markets.

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Facility DEC ID: 5412600114



Emission Source/Control: 61502 - Control
Control Type: BIOLOGICAL OXIDATION

Emission Source/Control: U-DRY - Process

Item 11.4:

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

Emission Unit: 1-00615

Process: TIP

Process Description:

In the tipping building, truck-delivered MSW is sorted, mixed with truck-delivered biosolids, and loaded into the rotary drum digester.

Emission Source/Control: 61502 - Control
Control Type: BIOLOGICAL OXIDATION

Emission Source/Control: U-TIP - Process

Item 11.5:

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

Emission Unit: W-F0001

Process: 601

Source Classification Code: 3-90-009-99

Process Description:

CHIPTEC Wood Energy Systems, Inc. Model CX-6 Wood Fired Gasifier burns wood chips at 1,200 lbs/hr (6.84 mmBTU/hr heat input) to heat the liquid used in the drying building radiant floor heating system.

Emission Source/Control: WF001 - Combustion

Design Capacity: 6.84 million Btu per hour

**Condition 12: Compliance Demonstration
Effective for entire length of Permit**

Applicable State Requirement:6 NYCRR 211.2

Item 12.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-00615

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 12.2:

Compliance Demonstration shall include the following monitoring:

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



Monitoring Description:

A. Operational limits:

1. Maximum Material Acceptance Rates
 - a. MSW-100 TPD
 - b. Biosolids-100 TPD

B. Monitoring And Recordkeeping

1. Daily Monitoring and Recordkeeping
 - a. Amount of MSW processed
 - b. Amount of biosolids processed
2. Other
 - a. An on-site operation's log at a level of detail sufficient to document that Section A "Operation Limits", contained herein, are not exceeded.

C. Special Conditions

1. Biosolids delivered to or removed from the facility shall be in leak proof containers; dump trucks are acceptable provided there is no liquid discharge during transport.

Process Material: WASTE MATERIAL

Parameter Monitored: WASTE MATERIAL

Upper Permit Limit: 100 tons per day

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 24 HOUR MAXIMUM

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

Condition 13: Compliance Demonstration
Effective for entire length of Permit

Applicable State Requirement:6 NYCRR 211.2

Item 13.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-00615



Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 13.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

A. Operational limits:

1. Biofilter
 - a. Maximum inlet air temperature
114 deg (F)

B. Monitoring And Recordkeeping

1. Per Shift Monitoring and Recordkeeping
 - a. Inlet air temperature to each active biofilter cell
2. Other
 - a. An on-site operation's log at a level of detail sufficient to document that Section A "Operation Limits", contained herein, are not exceeded.

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 114 degrees Fahrenheit
Monitoring Frequency: PER SHIFT
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

**Condition 14: Compliance Demonstration
Effective for entire length of Permit**

Applicable State Requirement:6 NYCRR 211.2

Item 14.1:



The Compliance Demonstration activity will be performed for:

Emission Unit: 1-00615

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

A. Operational limits:

1. Drying Building
 - a. Minimum number of compost windrow turnings- 5 per batch

B. Monitoring And Recordkeeping

1. Other
 - a. An on-site operation's log at a level of detail sufficient to document that Section A "Operation Limits", contained herein, are met.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: MATERIAL

Lower Permit Limit: 5 number (or quantity) per batch

Monitoring Frequency: PER BATCH OF PRODUCT/RAW MATERIAL CHANGE

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 15: Compliance Demonstration
Effective for entire length of Permit**

Applicable State Requirement:6 NYCRR 211.2



Item 15.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-00615

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 15.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

A. Operational limits:

1. Biofilter
 - a. Media moisture content 40% to 60%

B. Monitoring And Recordkeeping

1. Weekly Monitoring Recordkeeping
 - a. Moisture level at three locations in each active biofilter cell
2. Other
 - a. An on-site operation's log at a level of detail sufficient to document that Section A "Operation Limits", contained herein, are not exceeded.

Process Material: MATERIAL

Parameter Monitored: MOISTURE CONTENT

Lower Permit Limit: 40 percent by weight

Upper Permit Limit: 60 percent by weight

Monitoring Frequency: WEEKLY

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED
RANGE AT ANY TIME

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)



Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 16: Compliance Demonstration
Effective for entire length of Permit

Applicable State Requirement: 6 NYCRR 211.2

Item 16.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-00615

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

A. Emission Limits:

Biofilter Emissions: Odor shall not exceed 20 dilutions to threshold (D/T).

B. Monitoring:

Composite samples of air from each active cell shall be subject to "odor panel" analysis to determine D/T emission levels. As a minimum, sampling and analysis shall be conducted every other month. Prior to testing, a test protocol must be submitted to and approved by the Department.

C. Recordkeeping:

The on-site operation's log, required to document "Operation Limits", shall also include the results of this D/T testing.

D. Testing

1. Odor analysis shall be conducted in accordance with ASTM Method 679-91. In addition, the following odor panel



test procedures shall be followed:

- a. Odor samples shall be collected into gas sampling bags made of Tedlar unless otherwise approved by the Department. Odor samples shall be collected using a sampling line made of an odor-free chemically inert and non-reactive material.
- b. The sampling bag shall be purged with the sample at least once prior to collecting the sample to precondition the sampling line and the interior walls of the sampling bag. The gas shall be transferred directly into the sampling bag without going through any potential sources of contamination such as pumps. Samples shall be maintained at ambient temperature and contact with direct sunlight shall be avoided. Under no circumstances shall sample storage exceed 24 hours.
- c. Airflow shall be regulated at a minimum of 3 liters per minute per sniff port unless otherwise approved in writing by the Department. Therefore, total airflow rate to the olfactometer (that consists of three ports) would be a minimum of 9 liters per minute unless otherwise approve by the Department, in writing. During odor panel testing each diluted sample must be



presented to the panel with two odor-free blanks (for statistical validation purposes) by using three sniff ports.

d. Odor panels shall consist of a minimum of 6 to 8 individuals preferably comprised of non-smokers and of both genders. Panelist shall be screened and trained.

e. All olfactometer parts that come into direct contact with the sample in any way must be chemically inert and non-reactive and must be able to be purged or cleaned quickly.

Parameter Monitored: DILUTION FACTOR
 Upper Permit Limit: 20 dilutions to threshold
 Reference Test Method: ASTM Method 679-91
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
 Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 Subsequent reports are due every 6 calendar month(s).

Condition 17: Compliance Demonstration
Effective for entire length of Permit

Applicable State Requirement: 6 NYCRR 211.2

Item 17.1:
 The Compliance Demonstration activity will be performed for:

Emission Unit: 1-00615

Regulated Contaminant(s):
 CAS No: 0NY998-00-0 VOC

Item 17.2:
 Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
 Monitoring Description:
 A. Operational limits



1. Building access doors shall remain closed when not in use.

B. Monitoring And Recordkeeping

1. Daily Monitoring and Recordkeeping
a. Check for odors outside Drying, Tipping and ATAD buildings and the rotary Digester

C. Special Conditions

1. In the event the biofilter becomes totally inoperable, material processing shall be discontinued as soon as practicable but in no event longer than 24 hours. All material in process shall be removed from the facility as expeditiously as possible, beginning no later than four (4) days after the material process shut down, and shall be completed within 21 days.

2. If any nuisance condition(s) should be generated by the operation of this facility, immediate appropriate steps shall be taken to abate the nuisance condition(s).

3. If complaints of odors are received then the owner or facility representative shall notify the Department by the next business day (Monday thru Friday) of these complaints.

A log of any complaints received must be kept in a bound logbook or other format acceptable to the Department.

The following data must be recorded for each



observation:

The date and time of the complaint,
The name, address and phone # of the
complainant
(if given),
The complainants description of the
complaint,
The facility's evaluation of the
complaint, and
The corrective measures taken.

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 18: Compliance Demonstration
Effective for entire length of Permit

Applicable State Requirement:6 NYCRR 211.2

Item 18.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-00615

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 18.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

A. Operational limits:

1. Rotary Digester
 - a. Compost moisture
content 45%
to 60% at exit

B. Monitoring And Recordkeeping

1. Weekly Monitoring
Recordkeeping



a. Compost Moisture
Content

2. Other
a. An on-site
operation's log at a
level of detail
sufficient to
document that
Section A
"Operation
Limits",
contained herein,
are not
exceeded.

Process Material: MATERIAL
Parameter Monitored: MOISTURE CONTENT
Lower Permit Limit: 45 percent by weight
Upper Permit Limit: 60 percent by weight
Monitoring Frequency: WEEKLY
Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED
RANGE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

Condition 19: Compliance Demonstration
Effective for entire length of Permit

Applicable State Requirement:6 NYCRR 211.2

Item 19.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-00615

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 19.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

A. Operational limits:
1. Drying Building
a. Minimum compost
temperature
133 deg (F)



B. Monitoring And Recordkeeping

1. Daily Monitoring and Recordkeeping

a. Check compost temperature at three locations in each windrow

2. Other

a. An on-site operation's log at a level of detail sufficient to document that Section A "Operation Limits", contained herein, are not exceeded.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 133 degrees Fahrenheit
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
Subsequent reports are due every 6 calendar month(s).

**Condition 20: Compliance Demonstration
Effective for entire length of Permit**

Applicable State Requirement:6 NYCRR 211.2

Item 20.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-00615

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 20.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:



A. Operational limits:

1. Drying Building
 - a. Minimum compost residence time - 50 days

B. Monitoring And Recordkeeping

1. Other
 - a. An on-site operation's log at a level of detail sufficient to document that Section A "Operation Limits", contained herein, are not exceeded.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: MATERIAL

Lower Permit Limit: 50 days

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

**Condition 21: Compliance Demonstration
Effective for entire length of Permit**

Applicable State Requirement:6 NYCRR 211.2

Item 21.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-00615

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 21.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:



A. Biofilter Operational limit:

Maximum back pressure of 6 inches (H₂O)

B. Monitoring And Recordkeeping

1. Daily Monitoring and Recordkeeping
 - a. Back pressure at the inlet of the biofilter
2. Other
 - a. An on-site operation's log at a level of detail sufficient to document that Section A "Operation Limits", contained herein, are not exceeded.

C. Special Conditions

1. When the backpressure of a biofilter cell reaches six (6) inches water corrective action shall be immediately taken (fluff media or lift media, replace media, etc.).
2. Biofilter media change out shall only be performed after the air flow to that section of the biofilter has been shut off.

Parameter Monitored: PRESSURE CHANGE

Upper Permit Limit: 6 inches of water

Monitoring Frequency: DAILY

Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER OCCURRENCE

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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

