



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 9-2934-00022/00233  
Effective Date: 10/24/2014 Expiration Date: 10/23/2024

Permit Issued To: CWM CHEMICAL SERVICES LLC  
1550 BALMER RD  
MODEL CITY, NY 14107

Contact: Jonathan P Rizzo  
CWM Chemical Services LLC  
1550 Balmer Rd  
Model City, NY 14107  
(716) 286-0354

Facility: CWM CHEMICAL SERVICES - MODEL CITY SITE  
1550 BALMER RD  
MODEL CITY, NY 14107

Contact: MICHAEL F MAHAR  
CWM CHEMICAL SERVICES LLC  
1550 BALMER ROAD  
MODEL CITY, NY 14107  
(716) 286-1550

Description:

(1) CWM Chemical Services, L.L.C., a wholly owned subsidiary of Waste Management of New Jersey, Inc. and indirect, wholly owned subsidiary of Waste Management, Inc. owns and operates the Model City Facility located at 1550 Balmer Road, Model City, New York. The facility is a hazardous waste treatment, storage and disposal, and recovery facility, which accepts hazardous and industrial non-hazardous waste.

(2) As a result of new revisions to 6NYCRR Part 201, CWM submitted an Air State Facility application because the facility has annual actual emissions of one or more persistent, bioaccumulative or toxic compounds greater than or equal to the thresholds listed in table 1 of Subpart 201-9.

(3) The facility is subject to specific air emission standards as specified in the facility's Site-Wide Part 373 RCRA Permit. The regulations include Part 373-2.28 Air Emission Standards for Equipment Leaks, and Part 373-2.29 Air Emission Standards for Tanks, Surface Impoundments, and Containers. For this reason, the Air State Facility permit does not duplicate air emission control requirements that are required under the RCRA permit.



**New York State Department of Environmental Conservation**

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(4) The Air State Facility permit references certain RCRA monitoring protocols identified as follows:

- (a) Fugitive Dust Control Plan;
- (b) Stabilization Operations and Maintenance Manual;
- (c) Compliance Program for Air Emission Standards for Equipment Leaks;
- (d) Aqueous Wastewater Treatment System Operations and Maintenance Manual; and
- (e) Compliance Program Air Emission Standards for Tanks, Surface Impoundments and Containers.

(5) The facility has three oil-fired boilers (BLR01, BLR02, BLR03) that are subject to the work practice standards of 40 CFR 63 Subpart JJJJJ – National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources. The requirements include:

- (a) Completing an Initial Compliance Tune-up on each boiler by March 21, 2014;
- (b) Conducting a tune-up of boilers BLR01 and BLR02 every two (2) years;
- (c) Conducting a tune-up of boiler BLR03 every five (5) years; and
- (d) Completing a one-time energy assessment on boiler BLR01 by March 21, 2014.

(6) The facility has one existing emergency engine, Cummins Diesel Fire-Water Pump (rated at 187 bhp) that is subject to 40 CFR 63 Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. The requirements include:

- (a) Change oil and filter every 500 hours of operation or annually, whichever comes first;
- (b) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary;
- (c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary; and
- (d) Installation of a non-resettable hour meter.

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:            DAVID S DENK  
                                                  DIVISION OF ENVIRONMENTAL PERMITS  
                                                  270 MICHIGAN AVE  
                                                  BUFFALO, NY 14203-2915

Authorized Signature: \_\_\_\_\_ Date: \_\_\_ / \_\_\_ / \_\_\_\_\_



**Notification of Other State Permittee Obligations**

**Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification**

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

**Item B: Permittee's Contractors to Comply with Permit**

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

**Item C: Permittee Responsible for Obtaining Other Required Permits**

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

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

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



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

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

**Facility Level**

- Submission of application for permit modification or renewal-REGION 9 HEADQUARTERS



**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.



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

**Item 4.1:**

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

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

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

**Condition 5: Submission of application for permit modification or renewal-REGION 9 HEADQUARTERS**  
**Applicable State Requirement: 6 NYCRR 621.6 (a)**

**Item 5.1:**

Submission of applications for permit modification or renewal are to be submitted to:  
NYSDEC Regional Permit Administrator  
Region 9 Headquarters  
Division of Environmental Permits  
270 Michigan Avenue  
Buffalo, NY 14203-2915  
(716) 851-7165

**New York State Department of Environmental Conservation**

Permit ID: 9-2934-00022/00233

Facility DEC ID: 9293400022



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

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

**IDENTIFICATION INFORMATION**

Permit Issued To: CWM CHEMICAL SERVICES LLC  
1550 BALMER RD  
MODEL CITY, NY 14107

Facility: CWM CHEMICAL SERVICES - MODEL CITY SITE  
1550 BALMER RD  
MODEL CITY, NY 14107

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

Permit Effective Date: 10/24/2014

Permit Expiration Date: 10/23/2024



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 6 NYCRR 211.1: Air pollution prohibited
- 2 40CFR 63, Subpart DD: Compliance Demonstration

**Emission Unit Level**

**EU=1-AQWTP**

- 3 6 NYCRR Part 212: Compliance Demonstration

**EU=1-BOILR**

- 4 40CFR 63, Subpart JJJJJ: Compliance Demonstration

**EU=1-FRPMP**

- 5 40CFR 63.6603(a), Subpart ZZZZ: Compliance Demonstration
- 6 40CFR 63.6625, Subpart ZZZZ: Compliance Demonstration
- 7 40CFR 63.6640, Subpart ZZZZ: Compliance Demonstration
- 8 40CFR 63.6655, Subpart ZZZZ: Compliance Demonstration

**EU=1-LANDF**

- 9 6 NYCRR Part 212: Compliance Demonstration

**EU=1-LEACH**

- 10 6 NYCRR Part 212: Compliance Demonstration
- 11 6 NYCRR Part 212: Compliance Demonstration

**EU=1-STABL**

- 12 6 NYCRR Part 212: Compliance Demonstration

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 13 ECL 19-0301: Contaminant List
- 14 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 15 6 NYCRR Subpart 201-5: Emission Unit Definition
- 16 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 17 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 18 6 NYCRR 211.2: Visible Emissions Limited

**Emission Unit Level**

- 19 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 20 6 NYCRR Subpart 201-5: Process Definition By Emission Unit





**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 - 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: 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 F: 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 G: 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 H: 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 I: 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 J: 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 K: 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 L: 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: Air pollution prohibited**  
**Effective between the dates of 10/24/2014 and 10/23/2024**

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 1.1:**

No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

**Condition 2: Compliance Demonstration**  
**Effective between the dates of 10/24/2014 and 10/23/2024**

**Applicable Federal Requirement:40CFR 63, Subpart DD**

**Item 2.1:**

The Compliance Demonstration activity will be performed for the Facility.

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

**Item 2.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

CWM Chemical Services, Inc. submitted a letter dated March 6, 2000 to the USEPA Air Compliance Branch Region 2, stating it is not a major source of hazardous air pollutants and, thus, is not subject to the National Emission Standards for Hazardous Air Pollutants from

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Off-Site Waste and Recovery Operations - 40 CFR 63 Subpart DD. However, the March 6, 2000 letter was not an official request for an applicability determination. As such, no later than December 31, 2014, CWM must submit an applicability determination request to the USEPA to obtain an official determination regarding the applicability status of this facility to 40 CFR 63 Subpart DD.

Monitoring Frequency: SINGLE OCCURRENCE

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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

**Condition 3: Compliance Demonstration**  
**Effective between the dates of 10/24/2014 and 10/23/2024**

**Applicable Federal Requirement:6 NYCRR Part 212**

**Item 3.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-AQWTP

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

**Item 3.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

**EMISSION UNIT 1-AQWTP  
OPERATION AND MONITORING REQUIREMENTS**

(1) Tanks containing hazardous waste with >500 ppm VOCs, as listed in the facility's RCRA permit, are subject to 6NYCRR 373-2.29 AIR EMISSION STANDARDS for Tanks, Containers and Surface Impoundments. As required by this regulation, tanks determined to be Level 1 are either closed with no cracks, gaps or openings or if they are vented, a control device such as a carbon canister is employed. The facility must perform tank inspections and corrective action as specified in this regulation. As a best management practice, the carbon canisters are monitored routinely for breakthrough and replaced in accordance with the facility's 6NYCRR 373-2.29 Compliance Plan. The monitoring and carbon canister replacement for the Level 2 tanks are also completed in accordance with the Compliance Plan.



(2) When strong acid wastes are being processed, the tanks in use are vented to the caustic scrubber to neutralize the acid vapor. The caustic scrubber is operated, monitored and maintained in accordance with the facility's Aqueous Waste Treatment Operations & Maintenance Manual.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 4: Compliance Demonstration**  
**Effective between the dates of 10/24/2014 and 10/23/2024**

**Applicable Federal Requirement:40CFR 63, Subpart JJJJJ**

**Item 4.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-BOILR

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

CAS No: 0NY100-00-0 TOTAL HAP

**Item 4.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

**OIL-FIRED BOILER REQUIREMENTS**

The three oil-fired boilers (BLR01, BLR02, BLR03) are subject to the work practice standards of 40 CFR 63 Subpart JJJJJ – National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources as follows:

- (1) As per §63.11225(a), submit an Initial Notification of Applicability by January 20, 2014.
- (2) As per §63.11214, complete an Initial Compliance Tune-up on Boilers BLR01, BLR02, and BLR03 by March 21, 2014. In addition, complete a one-time energy assessment on Boiler BLR01 by March 21, 2014. CWM completed the initial tune-ups on the boilers in November, 2013 and submitted a Notification of Compliance status on December 18, 2013.
- (3) As per §63.11214, submit a Notification of Compliance



Status for the energy assessment for BLR01 by July 19, 2014.

(4) As per §63.11223, demonstrate continuous compliance with the work practice and management practice standards for boilers BLR01 and BLR02 by conducting a tune-up of the boilers every two (2) years. Each biennial tune-up must be conducted no more than 25 months after the previous tune-up.

(5) As per §63.11223, demonstrate continuous compliance with the work practice and management practice standards for boiler BLR03 by conducting a tune-up of the boiler every five (5) years. Each 5-year tune-up must be conducted no more than 61 months after the previous tune-up.

(6) As per §63.11223, the tune-ups shall be completed as follows:

(a) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (you may delay the burner inspection until the next scheduled unit shutdown, not to exceed 36 months from the previous inspection). Units that produce electricity for sale may delay the burner inspection until the first outage, not to exceed 36 months from the previous inspection.

(b) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available.

(c) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (you may delay the inspection until the next scheduled unit shutdown, not to exceed 36 months from the previous inspection). Units that produce electricity for sale may delay the inspection until the first outage, not to exceed 36 months from the previous inspection.

(d) Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any nitrogen oxide requirement to which the unit is subject.

(e) Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer.

(f) Maintain on-site and submit, if requested by the Administrator, a report containing the following information.

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(i) The concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler.

(ii) A description of any corrective actions taken as a part of the tune-up of the boiler.

(iii) The type and amount of fuel used over the 12 months prior to the tune-up of the boiler, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel use by each unit.

(g) If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 days of startup.

(7) As per §63.11225, prepare by March 1, a biennial or 5-year compliance report as specified below.

(a) Company name and address.

(b) Statement by a responsible official, with the official's name, title, phone number, email address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart. Your notification must include the following certification(s) of compliance, as applicable, and signed by a responsible official:

(i) "This facility complies with the requirements in § 63.11223 to conduct a biennial or 5-year tune-up, as applicable, of each boiler."

(ii) For units that do not qualify for a statutory exemption as provided in section 129(g)(1) of the Clean Air Act: "No secondary materials that are solid waste were combusted in any affected unit."

(iii) "This facility complies with the requirement in §§ 63.11214(d) and 63.11223(g) to minimize the boiler's time spent during startup and shutdown and to conduct startups and shutdowns according to the manufacturer's recommended procedures or procedures specified for a boiler of similar design if manufacturer's recommended procedures are not available."

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 5: Compliance Demonstration**  
**Effective between the dates of 10/24/2014 and 10/23/2024**

**Applicable Federal Requirement:40CFR 63.6603(a), Subpart ZZZZ**

**Item 5.1:**

The Compliance Demonstration activity will be performed for:



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Emission Unit: 1-FRPMP

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

**Item 5.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EMERGENCY ENGINE  
EMISSION RELATED OPERATING LIMITATIONS

Operate the existing emergency engine, Cummins Diesel Fire-Water Pump (rated at 187 bhp) with the following maintenance procedures:

- (1) Change oil and filter every 500 hours of operation or annually, whichever comes first;
- (2) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and
- (3) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 6: Compliance Demonstration**  
**Effective between the dates of 10/24/2014 and 10/23/2024**

**Applicable Federal Requirement:40CFR 63.6625, Subpart ZZZZ**

**Item 6.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-FRPMP

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

**Item 6.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EMERGENCY ENGINE



OPERATION AND MAINTENANCE REQUIREMENTS

- (1) Operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.
  
- (2) Install a non-resettable hour meter if one is not already installed.
  
- (3) Minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards apply at all times.
  
- (4) Utilize an oil analysis program in order to extend the specified oil change requirement, if desired. The oil analysis must be performed at the same frequency specified for changing the oil. The analysis program must, at a minimum, analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows:
  - (a) Total Base Number is less than 30 percent of the total base Number of the oil when new;
  - (b) Viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or
  - (c) Percent water content (by volume) is greater than 0.5.
  
- (5) If all of the condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 days of receiving the results of the analysis. If the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 business days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 7: Compliance Demonstration**  
Effective between the dates of 10/24/2014 and 10/23/2024

**Applicable Federal Requirement:40CFR 63.6640, Subpart ZZZZ**

**Item 7.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-FRPMP

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

**Item 7.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EMERGENCY ENGINE  
OPERATIONAL REQUIREMENTS

(1) Unlimited use for emergencies (e.g., power outage, fire, flood).

(2) May operate for 100 hr/yr for any combination of the following:

(a)maintenance/testing;

(b)50 hr/yr of the 100 hr/yr allocation can be used for non-emergency situations if no financial arrangement.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 8: Compliance Demonstration**  
Effective between the dates of 10/24/2014 and 10/23/2024

**Applicable Federal Requirement:40CFR 63.6655, Subpart ZZZZ**

**Item 8.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-FRPMP

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP



**Item 8.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EMERGENCY ENGINE  
RECORDKEEPING KEEPING AND REPORTING

(1) Keep records of the maintenance conducted on the emergency engine in order to demonstrate that you operated and maintained the engine according to manufacturer's instructions or your own maintenance plan;

(2) Keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. Document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 9: Compliance Demonstration**  
**Effective between the dates of 10/24/2014 and 10/23/2024**

**Applicable Federal Requirement:6 NYCRR Part 212**

**Item 9.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-LANDF

Regulated Contaminant(s):  
CAS No: 0NY075-00-5 PM-10

**Item 9.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

GENERAL FUGITIVE DUST OPERATIONAL REQUIREMENTS

(1) The facility must employ the best management practices specified in the facility's FUGITIVE DUST CONTROL PLAN to control dust during landfill operations and on the facility roadways. This plan is an attachment to the facility's Site-wide RCRA Operating Permit. In addition, the Part 373 Permit contains a requirement for

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the application of Daily Cover on bulk waste placed in the active landfill.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 10: Compliance Demonstration**  
**Effective between the dates of 10/24/2014 and 10/23/2024**

**Applicable Federal Requirement:6 NYCRR Part 212**

**Item 10.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-LEACH

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

**Item 10.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

**EMISSION UNIT 1-LEACH  
OPERATION AND MONITORING REQUIREMENTS**

(1) Tanks containing hazardous waste with >500 ppm VOCs, as listed in the facility's RCRA permit, are subject to 6NYCRR 373-2.29 AIR EMISSION STANDARDS for Tanks, Containers and Surface Impoundments. As required by this regulation, tanks determined to be Level 1 are either closed with no cracks, gaps or openings or if they are vented, a control device such as a carbon canister is employed. The facility must perform tank inspections and corrective action as specified in this regulation. As a best management practice, the carbon canisters are monitored routinely for breakthrough and replaced in accordance with the facility's 6NYCRR 373-2.29 Compliance Plan.

(2) All landfill standpipes must be covered at all times, except when being attended. As required by the facility's Site-wide RCRA Operating Permit, covers shall be inspected on a routine basis.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

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**Condition 11: Compliance Demonstration**  
Effective between the dates of 10/24/2014 and 10/23/2024

**Applicable Federal Requirement:6 NYCRR Part 212**

**Item 11.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-LEACH

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

**Item 11.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EMISSION UNIT 1-LEACH  
EQUIPMENT LEAK REQUIREMENTS

(1) Equipment including pumps, valves, and flanges in contact with hazardous waste containing more than 10 percent organics is subject to 6NYCRR 373-2.28 AIR EMISSION STANDARDS for Equipment Leaks. The facility must perform monitoring and corrective actions as specified in the regulation and referenced in the facility's RCRA permit.

(2) Specified valves and flanges in the landfill standpipes shall be inspected and monitored in accordance with the requirements in the facility's 6 NYCRR 373-2.28 Compliance Plan.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 12: Compliance Demonstration**  
Effective between the dates of 10/24/2014 and 10/23/2024

**Applicable Federal Requirement:6 NYCRR Part 212**

**Item 12.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 1-STABL

Regulated Contaminant(s):  
CAS No: 0NY075-00-5 PM-10



**Item 12.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

**EMISSION UNIT 1-STABL  
OPERATION AND MONITORING REQUIREMENTS**

(1)The facility shall perform a monthly visual inspection of the bags located within the stabilization facility baghouses in accordance with the facility's STABILIZATION Operation & Maintenance Manual. Upon inspection, any damaged or defective bags shall be replaced. If the bags are caked with dust, a change out shall be performed. A record of the inspection and any necessary corrective action is placed in the Operating Record.

(2)The facility shall complete a daily visual inspection of the stabilization facility baghouses on operating days to verify no visible releases of particulates to the air. The inspection shall be completed in accordance with the Inspection Plan as specified in the facility's RCRA Permit. A completed inspection form is placed in the Daily Operating Record.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



**STATE ONLY ENFORCEABLE CONDITIONS**

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

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability**

**Item A: Emergency Defense - 6 NYCRR 201-1.5**

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

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

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

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

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

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

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

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

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

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records.





Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

**Item C: 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 13: Contaminant List**  
**Effective between the dates of 10/24/2014 and 10/23/2024**

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

**Item 13.1:**

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

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

CAS No: 0NY075-00-5  
Name: PM-10

CAS No: 0NY100-00-0  
Name: TOTAL HAP

CAS No: 0NY998-00-0



Name: VOC

**Condition 14: Malfunctions and start-up/shutdown activities**  
**Effective between the dates of 10/24/2014 and 10/23/2024**

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

**Item 14.1:**

(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment malfunctions, maintenance, or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

**Condition 15: Emission Unit Definition**  
**Effective between the dates of 10/24/2014 and 10/23/2024**

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

**Item 15.1:**

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

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Emission Unit: 1-AQWTP

Emission Unit Description:

Emission Unit 1-AQWTP includes the Aqueous Waste Treatment Plant.

**Item 15.2:**

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

Emission Unit: 1-BOILR

End Date: 11/24/2015

Emission Unit Description:

Emission Unit 1-BOILR includes the operation of three distillate fuel oil boilers.

**Item 15.3:**

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

Emission Unit: 1-FRPMP

Emission Unit Description:

Emission Unit 1-FRPMP includes the fire pump for supplying water from the water storage tank to the sprinkler system in the drum warehouse.

**Item 15.4:**

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

Emission Unit: 1-LANDF

Emission Unit Description:

Emission Unit 1-LANDF consists of landfill operations including paved/unpaved road dust emissions, waste unloading and compacting, and landfill capping.

**Item 15.5:**

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

Emission Unit: 1-LEACH

Emission Unit Description:

Emission Unit 1-LEACH consists of leachate collection, handling and storage for landfill areas SLF1-6, SLF-7, SLF-10 and SLF-11.

**Item 15.6:**

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

Emission Unit: 1-STABL

Emission Unit Description:

Emission Unit 1-STABL consists of the Stabilization Facility including two baghouses for control of particulates.

**Item 15.7:**

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

Emission Unit: 2-LEACH

Emission Unit Description:

Emission Unit 2-LEACH consists of leachate collection, handling and storage for landfill areas SLF-12 and RMU-1.

**Condition 16: Renewal deadlines for state facility permits**



Effective between the dates of 10/24/2014 and 10/23/2024

Applicable State Requirement:6 NYCRR 201-5.2 (c)

**Item 16.1:**

The owner or operator of a facility having an issued state facility permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

**Condition 17: Compliance Demonstration**

Effective between the dates of 10/24/2014 and 10/23/2024

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

**Item 17.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 17.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources  
NYS Dept. of Environmental Conservation  
Region 9  
270 Michigan Ave.  
Buffalo, NY 14203

Reporting Requirements: BIENNIAL (CALENDAR)

**Condition 18: Visible Emissions Limited**

Effective between the dates of 10/24/2014 and 10/23/2024

Applicable State Requirement:6 NYCRR 211.2

**Item 18.1:**

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

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

**Condition 19: Emission Point Definition By Emission Unit**

Effective between the dates of 10/24/2014 and 10/23/2024



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

**Item 19.1:**

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

Emission Unit: 1-AQWTP

Emission Point: 00003

Height (ft.): 7 Diameter (in.): 4

NYTMN (km.): 4793.671 NYTME (km.): 176.957

Emission Point: 00004

Height (ft.): 37 Diameter (in.): 8

NYTMN (km.): 4793.671 NYTME (km.): 176.957

Emission Point: 00005

Height (ft.): 35 Diameter (in.): 12

NYTMN (km.): 4793.671 NYTME (km.): 176.957

**Item 19.2:**

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

Emission Unit: 1-STABL

Emission Point: 00001

Height (ft.): 50 Diameter (in.): 96

NYTMN (km.): 4793.671 NYTME (km.): 176.957

Emission Point: 00002

Height (ft.): 30 Diameter (in.): 52

NYTMN (km.): 4793.671 NYTME (km.): 176.957

**Condition 20: Process Definition By Emission Unit  
Effective between the dates of 10/24/2014 and 10/23/2024**

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

**Item 20.1:**

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

Emission Unit: 1-AQWTP

Process: TRE

Source Classification Code: 5-03-008-99

Process Description:

Process TRE includes emissions from sources located within the Aqueous Waste Treatment Plant. Full treatment train includes neutralization/metals precipitation, filtration to remove solids (FLTPR), biological treatment to reduce organics, and treatment by granular activated carbon (GAC). When old landfill leachate is processed, storage and treatment tanks (AQTNK) and the biotowers (BIOTW) are vented to carbon canisters (CARB2). When

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waste acids are neutralized, the tanks may be vented to the caustic scrubber (SCRUB). No carbon canisters are present on the GAC or treated effluent tanks or the facultative ponds (PONDS).

Emission Source/Control: CARB2 - Control  
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: SCRUB - Control  
Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: AQTNK - Process

Emission Source/Control: BIOTW - Process

Emission Source/Control: FLTPR - Process

Emission Source/Control: PONDS - Process

**Item 20.2:**

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

Emission Unit: 1-BOILR  
Process: HTR Source Classification Code: 1-02-005-02  
Process End Date: 11/24/2015  
Process Description:

Process HTR includes three (3) distillate oil fired boilers subject to 40CFR63 Subpart JJJJJ-National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers Area Sources. The three existing boilers include:

- 5.23 MMBtu/hr Cleaver Brooks Model CB-101-125 (BLR02)
- 14.7 MMBtu/hr North American Model 7410 (BLR01)
- 0.101 MMBtu/hr Fulton Model CB-030 (BLR03)

Emission Source/Control: BLR01 - Combustion Removal Date: 11/24/2015  
Design Capacity: 14.7 million Btu per hour

Emission Source/Control: BLR02 - Combustion Removal Date: 11/24/2015  
Design Capacity: 5.23 million Btu per hour

Emission Source/Control: BLR03 - Combustion Removal Date: 11/24/2015  
Design Capacity: 1 million Btu per hour

**Item 20.3:**

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

Emission Unit: 1-FRPMP  
Process: PMP Source Classification Code: 2-02-001-07  
Process Description:

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Process PMP includes the fire pump for supplying water from the water storage tank to the sprinkler system in the drum warehouse. The fire pump is applicable to 40CFR63 Subpart ZZZZ-National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

Emission Source/Control: FRPMP - Combustion  
Design Capacity: 187 brake horsepower

**Item 20.4:**

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

Emission Unit: 1-LANDF  
Process: FUG Source Classification Code: 5-03-008-99  
Process Description:  
Process FUG includes operation of the RMU-1 Landfill. Emissions occur from paved/unpaved roads, waste unloading and compacting, and landfill capping.

Emission Source/Control: RMU01 - Process  
Design Capacity: 117,359 square meters

**Item 20.5:**

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

Emission Unit: 1-LEACH  
Process: LE1 Source Classification Code: 5-03-008-99  
Process Description:  
Process LE1 includes emissions from the collection, handling and storage of leachate from older landfills, SLF 1-6, SLF-7, SLF-10, and SLF-11. The storage tanks (LTNK1) for these units utilize carbon canisters (CARB1) for controlling air emissions due to the higher level of organics in the leachate. Also, included in this process are the emissions from the landfill standpipes (SPIP1). The standpipes (SPIP1) do not use carbon canisters.

Emission Source/Control: CARB1 - Control  
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: LTNK1 - Process

Emission Source/Control: SPIP1 - Process

**Item 20.6:**

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

Emission Unit: 1-STABL  
Process: STB Source Classification Code: 5-03-008-99  
Process Description:  
Process STB includes emissions from the stabilization

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facility. Stabilization includes the treatment of metals with cement kiln dust (CKD) or other similar material to change the metals into a less soluble, less toxic form prior to landfill disposal. Emission sources include the stabilization tanks (STBTK) and two (2) baghouses (BGH01 & BGH02) used to control CKD and waste dust emissions during transfer and mixing.

Emission Source/Control: BGH01 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: BGH02 - Control  
Control Type: FABRIC FILTER

Emission Source/Control: STBTK - Process

**Item 20.7:**

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

Emission Unit: 2-LEACH

Process: LE2

Source Classification Code: 5-03-008-99

Process Description:

Process LE2 includes emissions from the collection, handling and storage of leachate from the newer landfills, SLF-12 and RMU-1. These units have lower levels of organic emissions than process LE1. As such, there are no carbon canisters used on these storage tanks (LTNK2). The landfill standpipes are identified as SPIP2.

Emission Source/Control: LTNK2 - Process

Emission Source/Control: SPIP2 - Process



