

Facility DEC ID: 6302400009

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 6-3024-00009/00007
Effective Date: 02/08/2022 Expiration Date: 02/07/2027

Permit Issued To: ONEIDA-HERKIMER SOLID WASTE AUTHORITY
1600 GENESEE ST
UTICA, NY 13502

Contact: WILLIAM RABBIA
ONEIDA-HERKIMER SOLID WASTE AUTHORITY
1600 GENESEE ST
UTICA, NY 13502
(315) 733-1224

Facility: OHSWA REGIONAL LANDFILL
7044 ST RTE 294
AVA, NY 13309

Contact: WILLIAM RABBIA
ONEIDA-HERKIMER SOLID WASTE AUTHORITY
1600 GENESEE ST
UTICA, NY 13502
(315) 733-1224

Description:

This Air Title V Facility Permit is issued pursuant to Article 19 (Air Pollution Control) of the Environmental Conservation Law. This facility is located at Ava Landfill, 7044 St Rte 294; Ava, Oneida County, New York.

This facility is a landfill that accepts municipal solid waste. The Standard Industrial Classification representative of this facility is 4953, Refuse Systems. The landfill opened and began receiving and placing waste in October 2006. The facility voluntarily operates landfill gas collection and control devices to combust landfill gas and destroy methane to reduce odors and greenhouse gas emissions. The facility is not required to install or operate the devices in order to comply with federal New Source Performance Standards (NSPS) at this time. Permitted emission units include 1-LFGAS, 2-VHCPM and 3-LCHST. Existing permitted emission sources include up to 10 portable passive and 2 active candlestick flares. A recent valid Tier 2 test verified that non-methane organic compound (NMOC) emissions are less than 50 megagrams/year. This information means that several conditions contained in the original Title V permit are no longer applicable and will not become applicable until facility emission of NMOC exceed 50 megagrams/year.

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In addition, the facility operates exempt and trivial activities including emergency generators, fuel storage tanks, cold cleaning units, building space heaters, a waste oil burner, leachate storage tanks, and mobile equipment.

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: TERRY R TYOE
NYSDEC - UTICA SUBOFFICE
207 GENESEE ST
UTICA, NY 13501-2885

Authorized Signature: _____ Date: ___ / ___ / _____

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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.

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DEC GENERAL CONDITIONS

**** General Provisions ****

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3

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

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submitted prior to actual transfer of ownership.

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

Item 4.1:

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

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

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

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

Item 5.1:

Submission of applications for permit modification or renewal are to be submitted to:
NYSDEC Regional Permit Administrator
Region 6 Sub-office
Division of Environmental Permits
State Office Building, 207 Genesee Street
Utica, NY 13501-2885
(315) 793-2555

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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: ONEIDA-HERKIMER SOLID WASTE AUTHORITY
1600 GENESEE ST
UTICA, NY 13502

Facility: OHSWA REGIONAL LANDFILL
7044 ST RTE 294
AVA, NY 13309

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

Permit Effective Date: 02/08/2022

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EU=1-LFGAS

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EU=1-LFGAS,Proc=FLR

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- 58 66 6 NYCRR 211.1: Air pollution prohibited
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- 60 68 6 NYCRR 217-3.2: Idling of Diesel Trucks Limited
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- 61 70 6 NYCRR Subpart 257-5: Compliance Demonstration

NOTE: * preceding the condition number indicates capping.

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FEDERALLY ENFORCEABLE CONDITIONS****** Facility Level ********NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

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

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

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

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

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

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

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

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

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

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and

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reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

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

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

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

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

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

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

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

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

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V

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facility for any violation of applicable requirements prior to or at the time of permit issuance;

iii. The applicable requirements of Title IV of the Act;

iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

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

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

i. When additional applicable requirements under the act become applicable to a title V facility with a remaining permit term of three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the department pursuant to the provisions of section 201- 6.6 of this Subpart.

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

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

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

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

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

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is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

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.

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

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

**Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 02/08/2022 and 02/07/2027**

Applicable Federal Requirement: 6 NYCRR 200.6**Item 1.1:**

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

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contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Condition 2: Fees
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (7)

Item 2.1:
 The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0303.

Condition 3: Recordkeeping and Reporting of Compliance Monitoring
Effective between the dates of 02/08/2022 and 02/07/2027

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

Item 3.1:
 The following information must be included in any required compliance monitoring records and reports:

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

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

Condition 4: Records of Monitoring, Sampling, and Measurement
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:6 NYCRR 201-6.4 (c) (2)

Item 4.1:
 Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all

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reports required by the permit.

Condition 5: Compliance Certification
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:6 NYCRR 201-6.4 (c) (2)

Item 5.1:

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

OHSWMA Regional Landfill shall operate and maintain a device that continuously measures the flow of landfill gas to the two 1,250 cfm open candlestick flares (Emission sources: F0025 & F0026), and one 3000 cfm open candlestick flare (emission source F0027).

Monitoring Frequency: CONTINUOUS

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 6: Compliance Certification
Effective between the dates of 02/08/2022 and 02/07/2027

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

Notify the Department and report permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive

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measures taken. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations shall be submitted to the permitting authority based on the following schedule:

- (1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
- (2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
- (3) For all other deviations from permit requirements, the report shall be contained in the 6 month monitoring report required above.
- (4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

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

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. In order to have a

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

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

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 7: Compliance Certification

Effective between the dates of 02/08/2022 and 02/07/2027

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

Item 7.1:

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The Compliance Certification activity will be performed for the Facility.

Item 7.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Requirements for compliance certifications with terms and conditions contained in this facility permit include the following:

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions;
 - and
 - such additional requirements as may be specified elsewhere in this permit related to compliance certification.
- ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.
- iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.
- iv. All annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer

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(RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

Chief – Air Compliance Branch
 USEPA Region 2 DECA/ACB
 290 Broadway, 21st Floor
 New York, NY 10007

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer
 State Office Building
 317 Washington Street
 Watertown, NY 13601-3787

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
 Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2023.
 Subsequent reports are due on the same day each year

Condition 8: Compliance Certification
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 8.1:

The Compliance Certification activity will be performed for the Facility.

Item 8.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: ANNUALLY

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Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due by April 15th for previous calendar year

Condition 9: Recordkeeping requirements
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 9.1:

- (a) The following records shall be maintained for at least five years:
 - (1) a copy of each emission statement submitted to the department; and
 - (2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.
- (b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

Condition 10: Open Fires - Prohibitions
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:6 NYCRR 215.2

Item 10.1:

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

Item 10.2

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

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.

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- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
- (i) Prescribed burns performed according to Part 194 of this Title.
- (j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
- (k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
- (l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

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

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

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

Condition 11: Maintenance of Equipment
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:6 NYCRR 200.7

Item 11.1:

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

Condition 12: Recycling and Salvage
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 12.1:

Where practical, the owner or operator of an air contamination source shall recycle or salvage

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air contaminants collected in an air cleaning device according to the requirements of the ECL.

Condition 13: Recycling and Salvage**Effective between the dates of 02/08/2022 and 02/07/2027****Applicable Federal Requirement:6 NYCRR 201-1.7****Item 13.1:**

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

Condition 14: Prohibition of Reintroduction of Collected Contaminants to the air**Effective between the dates of 02/08/2022 and 02/07/2027****Applicable Federal Requirement:6 NYCRR 201-1.8****Item 14.1:**

No person shall unnecessarily remove, handle or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Condition 15: Exempt Sources - Proof of Eligibility**Effective between the dates of 02/08/2022 and 02/07/2027****Applicable Federal Requirement:6 NYCRR 201-3.2 (a)****Item 15.1:**

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

Condition 16: Trivial Sources - Proof of Eligibility**Effective between the dates of 02/08/2022 and 02/07/2027****Applicable Federal Requirement:6 NYCRR 201-3.3 (a)****Item 16.1:**

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

Condition 17: Requirement to Provide Information**Effective between the dates of 02/08/2022 and 02/07/2027****Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (4)**

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Item 17.1:

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

Condition 18: Right to Inspect

Effective between the dates of 02/08/2022 and 02/07/2027

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

Item 18.1:

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

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

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

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

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

Condition 19: Required Emissions Tests

Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 19.1:

For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time.

Condition 20: Accidental release provisions.

Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:40 CFR Part 68

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Item 20.1:

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

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

Risk Management Plan Reporting Center
 C/O CSC
 8400 Corporate Dr
 Carrollton, Md. 20785

Condition 21: Recycling and Emissions Reduction
 Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:40CFR 82, Subpart F

Item 21.1:

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

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

Condition 22: Emission Unit Definition
 Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 22.1:

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

Emission Unit: 1-LFGAS

Emission Unit Description:

This unit consists of the landfilled wastes generating landfill gas by decomposition. All landfilled wastes must meet the requirements for acceptable wastes as specified in 6 NYCRR Part 360 & 363 and 40 CFR Part 258. The landfill has an estimated design capacity of 28,519,227 cubic yards.

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This emission unit consists of up to 10 passive landfill gas and three (3) active candlestick flares and associated collection and control system for the purpose of collecting and destroying methane to control odors, reduce greenhouse gas emissions, and ensure acceptable air quality. Landfill gas is also vented as fugitive emissions.

Item 22.2:

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

Emission Unit: 2-VHCPM

Emission Unit Description:

This unit consists of the vehicular movement within the landfill site, including waste haul trucks, maintenance, and personal vehicles on paved and unpaved portions of the road. The unit also includes the placement of waste within the landfill by heavy construction vehicles, and the hauling and compaction of cover soils over the filled waste. This emission unit will not include any defined emission points.

Item 22.3:

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

Emission Unit: 3-LCHST

Emission Unit Description:

This unit consists of the landfill leachate storage tanks. For this permit term this unit will consist of two 1.3 million gallon glass lined covered storage tanks.

Condition 23: Progress Reports Due Semiannually

Effective between the dates of 02/08/2022 and 02/07/2027

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

Item 23.1:

Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:

- (i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and
- (ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 24: Operational Flexibility

Effective between the dates of 02/08/2022 and 02/07/2027

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

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Item 24.1:

A permit modification is not required for changes that are provided for in the permit. Such changes include approved alternate operating scenarios and changes that have been submitted and approved pursuant to an established operational flexibility protocol and the requirements of this section. Each such change cannot be a modification under any provision of Title I of the Clean Air Act or exceed, or cause the facility to exceed, an emissions cap or limitation in the permit. The facility owner or operator must incorporate all changes into any compliance certifications, record keeping, and/or reporting required by the permit.

Condition 25: Non Applicable requirements
Effective between the dates of 02/08/2022 and 02/07/2027

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

Item 25.1:

This section contains a summary of those requirements that have been specifically identified as being not applicable to this facility and/or emission units, emission points, processes and/or emission sources within this facility. The summary also includes a justification for classifying any such requirements as non-applicable.

40 CFR 60.18 (c)

Emission Unit: 1LFGAS Process: FLR

Reason: The provisions of 40 CFR 60 Subpart Cf, Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills, that apply to the design, installation, operation, monitoring, record keeping, reporting, and compliance certification of a landfill gas collection and control system do not apply to this facility at this time.

Such provisions will apply to this facility when the calculated non-methane organic compound (NMOC) emission rate equals or exceeds 34 megagrams per year. The NMOC emission rate is calculated annually per the requirements of 40 CFR 60.33f(e) that are contained as a condition of this permit. Since the provisions outlined above do not apply at this time none of the general provisions pertaining to the operation of flares contained in 40 CFR 60 Subpart A apply at this time either.

40 CFR 60.18 (d)

Emission Unit: 1LFGAS Process: FLR

Reason: Same reason as above for 40 CFR 60-A.18(c).

40 CFR 60.18 (e)

Emission Unit: 1LFGAS Process: FLR

Reason: Same reason as above for 40 CFR 60-A.18(c).

40 CFR 60.18 (f)

Emission Unit: 1LFGAS Process: FLR

Reason: Same reason as above for 40 CFR

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60-A.18(c).

40 CFR 63.6 (e) (3)

Emission Unit: 1LFGAS

Reason: The provisions of 40 CFR 60 Subpart Cf, Emission Guidelines and Compliance Times, that apply to the design, installation, operation, monitoring, record keeping, reporting, and compliance certification of a landfill gas collection and control system do not apply to this facility at this time. Such provisions will apply to this facility when the calculated non-methane organic compound (NMOC) emission rate equals or exceeds 34 megagrams per year. The NMOC emission rate is calculated annually per the requirements of 40 CFR 60.33f(e) that are contained as a condition of this permit. Since the provisions outlined above do not apply at this time none of the NESHAP requirements for Municipal Solid Waste Landfills contained in 40 CFR 63 Subpart AAAA apply at this time either.

40 CFR 63.1955 (b)

Emission Unit: 1LFGAS

Reason: Same reason as above for 40 CFR 63-AAAA.6(e)(3).

40 CFR 63.1980 (a)

Emission Unit: 1LFGAS

Reason: Same reason as above for 40 CFR 63-AAAA.6(e)(3).

Condition 26: Facility Permissible Emissions
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 26.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

CAS No: 000630-08-0	PTE: 498,000 pounds per year
Name: CARBON MONOXIDE	

CAS No: 0NY998-00-0	PTE: 99,000 pounds per year
Name: VOC	

Condition 27: Capping Monitoring Condition
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:6 NYCRR Subpart 201-7

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Item 27.1:

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

6 NYCRR Subpart 231-2

Item 27.2:

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

Item 27.3:

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

Item 27.4:

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

Item 27.5:

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

Item 27.6:

The Compliance Certification activity will be performed for the Facility.

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

Item 27.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

In order to maintain facility emissions of Volatile Organic Compound (VOC) below the Non-attainment New Source Review (NSR) major source threshold OHSWMA Regional Landfill shall limit waste acceptance rate to 312,000 tons of biodegradable waste during any calendar year. The tonnage of waste that is sufficiently documented to meet

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the definition of nondegradable does not have to be included in demonstrating compliance with this waste limit. For the purposes of this permit "nondegradable waste" shall include the following wastes: incinerator ash, concrete, brick, stone, glass, plaster, wallboard, piping, plastics, metal objects, and any other material determined to be nondegradable by NYSDEC.

OHSWMA Regional Landfill shall maintain records of the amount of waste accepted on a monthly basis. The amount of waste accepted each month shall be added to the previous monthly waste acceptance amounts within the same calendar year to calculate a waste acceptance rate for the year.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: WASTE MATERIAL
Upper Permit Limit: 312000 tons per year
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL TOTAL
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2023.
Subsequent reports are due every 12 calendar month(s).

Condition 28: Capping Monitoring Condition
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 28.1:

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

6 NYCRR Subpart 231-7

Item 28.2:

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

Item 28.3:

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

Item 28.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This

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certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 28.5:

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

Item 28.6:

The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

Item 28.7:

Compliance Certification shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

Facility (OHSWMA Regional Landfill Permit ID# 6-3024-00009/00007 & WMRE LFGTE Plant Permit ID# 6-3024-00025/00001) emissions of carbon monoxide (CO) shall not exceed 249 tons during any consecutive 12 month period and shall represent the total emissions from the following emission sources: F0001-F0027 (OHSWMA Regional Landfill) and 01ENG-03ENG (WMRE LFGTE Plant). To demonstrate compliance with this limit the facility shall perform the following:

OHSWMA Regional Landfill (Permit ID# 6-3024-00009/00007) shall maintain records of the estimated quantity of landfill gas combusted in up to ten (10) portable passive open flares (emission sources: F0001-F0010) and the metered landfill gas combusted in the active open flares (emission sources: F0025-F0027) on a monthly basis. At the end of each month OHSWMA Regional Landfill shall calculate the monthly emissions of CO from landfill gas combustion at the OHSWMA Regional Landfill.

The WMRE LFGTE Plant (Permit ID# 6-3024-00025/00001) shall install and maintain a device that continuously measures and provides a monthly total of the actual gross electrical output from each engine (emission sources: 01ENG-03ENG) in kilowatt-hours (kWh). At the end of each month WMRE LFGTE Plant shall calculate the monthly emissions of CO from landfill gas combustion at the WMRE LFGTE Plant.

Flared emissions shall be calculated utilizing the open

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flare emission factor provided in the permit application (374.4 lb CO/million scf methane) multiplied by the monthly quantity of landfill gas combusted in all flares.

Engine emissions shall be calculated as follows:

Monthly CO emission from engine = [(actual monthly gross electrical output, in kWh) x (1.341 bhp/kW) x (engine CO emission factor from most recent performance test, in g/bhp-hr)] / [453.6 g/lb]

If no data is available for a specific engine the WMRE LFGTE Plant shall use the highest emission factor from the engines on-site. The monthly CO emissions from each engine will be summed to give the total for all engines operating during each month.

The combined engine and flare monthly CO emissions shall be added to the previous 11 months of CO emissions to give a total CO emission rate over the most recent consecutive 12 month period. The CO emissions over any consecutive 12 month period shall not exceed 249 tons.

Records of all monitoring data and support information shall be retained by the respective emission source operator. The OHSWMA Regional Landfill and WMRE LFGTE Plant shall each submit a combined facility CO emission cap certification report semi-annually.

When sufficient new evidence becomes available to substantiate changing any of the emission factors used to calculate the monthly CO emissions the Department will discuss utilizing the new emission factors with the applicant prior to the applicant using the revised emission factors.

Parameter Monitored: CARBON MONOXIDE

Upper Permit Limit: 249 tons per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 29: Visible Emissions Limited

Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:6 NYCRR 211.2

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Item 29.1:

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.

Condition 30: Applicability

Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:6 NYCRR 226-1.1

Item 30.1:

This subpart applies to all owners or operators of facilities who operate cold cleaners, open-top vapor degreasers, and all types of conveyORIZED degreasers that carry out solvent cleaning processes.

Condition 31: Compliance Certification

Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:6 NYCRR 226-1.3

Item 31.1:

The Compliance Certification activity will be performed for the Facility.

Item 31.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners or operators conducting solvent cleaning processes must:

- (a) store solvent in covered containers and transfer or dispose of waste solvent in such a manner that less than 20 percent of the waste solvent (by weight) can evaporate into the atmosphere;
- (b) maintain equipment to minimize leaks and fugitive emissions;
- (c) display at the equipment location a conspicuous summary of proper operating procedures consistent with minimizing emissions of VOCs;
- (d) keep the degreaser cover closed except when parts are being placed into or being removed from the degreaser, the cover needs to be open in order to remove solvent from the degreaser, no solvent is in the degreaser, or manually cleaning parts in a cold cleaning degreaser;
- (e) create and maintain a record of solvent consumption for five years. This record must be retained for five years and made available to the department upon request;
- (f) not clean sponges, fabric, wood, leather, paper

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products and other absorbent materials in a degreaser;
and

(g) if using a cold cleaning degreaser that is subject to paragraph 6 NYCRR 226-1.4(a)(4), retain a record of the following three items for five years and provide these records to the Department upon request. An invoice, bill of sale, a certificate covering multiple sales, manufacturers published information, or other appropriate documentation acceptable to the Department may be used to comply with this requirement:

- (1) name and address of the solvent supplier;
- (2) the type of solvent including the product or vendor identification number; and
- (3) the VOC content of the cleaning solution in grams per liter (gm/l) or the vapor pressure of the solvent measured in mm Hg at 20 degrees Celsius (68 degrees Fahrenheit) as appropriate to verify compliance.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 32: Compliance Certification
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement: 6 NYCRR 226-1.4 (a)

Item 32.1:

The Compliance Certification activity will be performed for the Facility.

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following types of control requirements must be used by an owner or operator conducting solvent cleaning:

(a) Cold Cleaning degreasing when the internal volume of the machine is greater than two gallons.

- (1) A cover which can be operated easily.
- (2) An internal drainage facility (under cover), if practical.
- (3) A control system that limits VOC emissions to those achievable with equipment having a freeboard ratio greater than or equal to 0.5, or a water cover when the solvent is insoluble in and heavier than water. This condition does not apply to remote reservoir degreasers.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 33: Compliance Certification
Effective between the dates of 02/08/2022 and 02/07/2027

Permit ID: 6-3024-00009/00007

Facility DEC ID: 6302400009

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A

Item 33.1:

The Compliance Certification activity will be performed for the Facility.

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

For the purposes of this facility any increase in the landfill maximum waste design capacity of 28,519,227 cubic yards (as authorized by the OHSWMA Regional Landfill Solid Waste Permit) shall require OHSWMA Regional Landfill to request a permit modification.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 34: Compliance Certification

Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:40CFR 60.33f(e), NSPS Subpart Cf

Item 34.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-LFGAS

Process: LFG

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(e) The owner or operator of a municipal solid waste landfill having a design capacity equal to or greater than 2.5 million megagrams and 2.5 million cubic meters must either install a collection and control system as provided in 40 CFR Part 60.33f(b) and (c) or calculate an initial non-methane organic compound (NMOC) emission rate for the landfill using the procedures specified in 40 CFR Part 60.35f(a). The NMOC emission rate must be recalculated annually, except as provided in 40 CFR Part

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60.38f(c)(3).

(1) If the calculated NMOC emission rate is less than 34 megagrams per year, the owner or operator must:

(i) Submit an annual NMOC emission rate report according to 40 CFR Part 60.38f(c), except as provided in 40 CFR Part 60.38f(c)(3); and

(ii) Recalculate the NMOC emission rate annually using the procedures specified in 40 CFR Part 60.35f(a) until such time as the calculated NMOC emission rate is equal to or greater than 34 megagrams per year, or the landfill is closed.

(A) If the calculated NMOC emission rate, upon initial calculation or annual recalculation required in item (e)(1)(ii) above, is equal to or greater than 34 megagrams per year, the owner or operator must either: Comply with 40 CFR Part 60.33f(b) and (c); calculate NMOC emissions using the next higher tier in 40 CFR Part 60.35f; or conduct a surface emission monitoring demonstration using the procedures specified in 40 CFR Part 60.35f(a)(6).

(B) If the landfill is permanently closed, a closure report must be submitted to DEC as provided in 40 CFR Part 60.38f(f), except for exemption allowed under 40 CFR Part 60.31f(e)(4).

(C) For the closed landfill subcategory, if the most recently calculated NMOC emission rate is equal to or greater than 50 megagrams per year, the owner or operator must either: Submit a gas collection and control system design plan as specified in 40 CFR Part 60.38f(d), except for exemptions allowed under 40 CFR Part 60.31f(e)(3), and install a collection and control system as provided in 40 CFR Part 60.33f(b) and (c); calculate NMOC emissions using the next higher tier in 40 CFR Part 60.35f; or conduct a surface emission monitoring demonstration using the procedures specified in 40 CFR Part 60.35f(a)(6).

(2) If the calculated NMOC emission rate is equal to or greater than 34 megagrams per year using Tier 1, 2, or 3 procedures, the owner or operator must either: submit a collection and control system design plan prepared by a professional engineer to the DEC within 1 year as specified in 40 CFR Part 60.38f(d), except for exemptions allowed under 40 CFR Part 60.31f(e)(3); calculate NMOC emissions using a higher tier in 40 CFR Part 60.35f; or conduct a surface emission monitoring demonstration using the procedures specified in 40 CFR Part

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60.35f(a)(6).

(3) For the closed landfill subcategory, if the calculated NMOC emission rate is equal to or greater than 50 megagrams per year using Tier 1, 2, or 3 procedures, the owner or operator must either: Submit a collection and control system design plan as specified in 40 CFR Part 60.38f(d), except for exemptions allowed under 40 CFR Part 60.31f(e)(3); calculate NMOC emissions using a higher tier in 40 CFR Part 60.35f; or conduct a surface emission monitoring demonstration using the procedures specified in 40 CFR Part 60.35f(a)(6).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2023.

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

Condition 35: Compliance Certification
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement: 40CFR 60.35f(a)(1), NSPS Subpart Cf

Item 35.1:

The Compliance Certification activity will be performed for the Facility.

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a municipal solid waste landfill must calculate the NMOC emission rate using either of the two equations below in paragraphs (1)(A) or (2)(A). Both equations may be used if the actual year-to-year solid waste acceptance rate is known, as specified in paragraph (1)(A), for part of the life of the landfill and the actual year-to-year solid waste acceptance rate is unknown, as specified in paragraph (2)(A), for part of the life of the landfill. The values to be used in both equations are 0.05 per year for k, 170 cubic meters per megagram for Lo, and 4,000 parts per million by volume as hexane for the CNMOC. For landfills located in geographical areas with a 30-year annual average precipitation of less than 25 inches, as measured at the nearest representative official meteorologic site, the k value to be used is 0.02 per year.

(1)(A) This equation must be used if the actual year-to-year solid waste acceptance rate is

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known.

$$MNMOC = \sum_{i=1, n} 2kLoMi(e^{-kt_i})(CNMOC)(3.6 \times 10^{-9})$$

Where:

MNMOC = Total NMOC emission rate from the landfill, megagrams per year.

k = Methane generation rate constant, year⁻¹.

Lo = Methane generation potential, cubic meters per megagram solid waste.

Mi = Mass of solid waste in the ith section, megagrams.

ti = Age of the ith section, years.

CNMOC = Concentration of NMOC, parts per million by volume as hexane.

3.6 × 10⁻⁹ = Conversion factor.

(B) The mass of nondegradable solid waste may be subtracted from the total mass of solid waste in a particular section of the landfill when calculating the value for Mi if documentation of the nature and amount of such wastes is maintained.

(2)(A) This equation must be used if the actual year-to-year solid waste acceptance rate is unknown.

$$MNMOC = 2LoR (e^{-kc} - e^{-kt}) CNMOC (3.6 \times 10^{-9})$$

Where:

MNMOC = Mass emission rate of NMOC, megagrams per year.

Lo = Methane generation potential, cubic meters per megagram solid waste.

R = Average annual acceptance rate, megagrams per year.

k = Methane generation rate constant, year⁻¹.

t = Age of landfill, years.

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CNMOC = Concentration of NMOC, parts per million by volume as hexane.

c = Time since closure, years; for an active landfill c = 0 and $e^{-kc} = 1$.

3.6×10^{-9} = Conversion factor.

(B) The mass of nondegradable solid waste may be subtracted from the total mass of solid waste in a particular section of the landfill when calculating the value of R, if documentation of the nature and amount of such wastes is maintained.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2023.

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

Condition 36: Compliance Certification

Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement: 40CFR 60.35f(a)(2), NSPS Subpart Cf

Item 36.1:

The Compliance Certification activity will be performed for the Facility.

Item 36.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NMOC Calculation - Tier 1.

The owner or operator must compare the calculated NMOC mass emission rate to the standard of 34 megagrams per year.

(i) If the NMOC emission rate calculated in 40 CFR Part 60.35f(a)(1) is less than 34 megagrams per year, then the owner or operator must submit an NMOC emission rate report according to 49 CFR Part 60.38f(c) and must recalculate the NMOC mass emission rate annually as required under 40 CFR Part 60.33f(e).

(ii) If the NMOC emission rate calculated in 40 CFR Part 60.35f(a)(1) is equal to or greater than 34 megagrams per

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Facility DEC ID: 6302400009

year, then the landfill owner or operator must either:

(A) Submit a gas collection and control system design plan within 1 year as specified in 40 CFR Part 60.38f(d) and install and operate a gas collection and control system within 30 months according to 40 CFR Part 60.33f(b) and (c);

(B) Determine a site-specific NMOC concentration and recalculate the NMOC emission rate using the Tier 2 procedures provided in 40 CFR Part 60.35f(a)(3); or

(C) Determine a site-specific methane generation rate constant and recalculate the NMOC emission rate using the Tier 3 procedures provided in 40 CFR Part 60.35f(a)(4).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2023.

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

Condition 37: Compliance Certification

Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement: 40CFR 60.35f(a)(3), NSPS Subpart Cf

Item 37.1:

The Compliance Certification activity will be performed for the Facility.

Item 37.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NMOC Calculation - Tier 2.

The landfill owner or operator must determine the site-specific NMOC concentration using the following sampling procedure:

The landfill owner or operator must install at least two sample probes per hectare, evenly distributed over the landfill surface that has retained waste for at least 2 years. If the landfill is larger than 25 hectares in area, only 50 samples are required. The probes should be evenly distributed across the sample area. The sample probes should be located to avoid known areas of nondegradable solid waste.

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The owner or operator must collect and analyze one sample of landfill gas from each probe to determine the NMOC concentration using Method 25 or 25C of 40 CFR Part 60 appendix A. Taking composite samples from different probes into a single cylinder is allowed; however, equal sample volumes must be taken from each probe. For each composite, the sampling rate, collection times, beginning and ending cylinder vacuums, or alternative volume measurements must be recorded to verify that composite volumes are equal. Composite sample volumes should not be less than one liter unless evidence can be provided to substantiate the accuracy of smaller volumes. Terminate compositing before the cylinder approaches ambient pressure where measurement accuracy diminishes. If more than the required number of samples is taken, all samples must be used in the analysis.

The landfill owner or operator must divide the NMOC concentration from Method 25 or 25C by six (6) to convert from CNMOC as carbon to NMOC as hexane. If the landfill has an active or passive gas removal system in place, Method 25 or 25C samples may be collected from these systems instead of surface probes provided the removal system can be shown to provide sampling as representative as the two sampling probe per hectare requirement. For active collection systems, samples may be collected from the common header pipe. The sample location on the common header pipe must be before any gas moving, condensate removal, or treatment system equipment. For active collection systems, a minimum of three samples must be collected from the header pipe.

(i) Within 60 days after the date of determining the NMOC concentration and corresponding NMOC emission rate, the owner or operator must submit the results according to 40 CFR Part 60.38f(j)(2).

(ii) The landfill owner or operator must recalculate the NMOC mass emission rate using Equation 1 or Equation 2 provided in paragraph 40 CFR Part 60.35f(a)(1)(i) or (ii) using the average site-specific NMOC concentration from the collected samples instead of the default value provided in 40 CFR Part 60.35f(a)(1).

(iii) If the resulting NMOC mass emission rate is less than 34 megagrams per year, then the owner or operator must submit a periodic estimate of NMOC emissions in an NMOC emission rate report according to 40 CFR Part 60.38f(c) and must recalculate the NMOC mass emission rate annually as required under 40 CFR Part 60.33f(e). The site-specific NMOC concentration must be retested every 5 years using the methods specified in this section.

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(iv) If the NMOC mass emission rate as calculated using the Tier 2 site-specific NMOC concentration is equal to or greater than 34 megagrams per year, the owner or operator must either:

(A) Submit a gas collection and control system design plan within 1 year as specified in 40 CFR Part 60.38f(d) and install and operate a gas collection and control system within 30 months according to 40 CFR Part 60.33f(b) and (c);

(B) Determine a site-specific methane generation rate constant and recalculate the NMOC emission rate using the site-specific methane generation rate using the Tier 3 procedures specified in paragraph 40 CFR Part 60.35f(a)(4); or

(C) Conduct a surface emission monitoring demonstration using the Tier 4 procedures specified in paragraph 40 CFR Part 60.35f(a)(6).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2023.

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

Condition 38: Compliance Certification
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement: 40CFR 60.35f(a)(4), NSPS Subpart Cf

Item 38.1:

The Compliance Certification activity will be performed for the Facility.

Item 38.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

NMOC Calculation Tier - 3.

The site-specific methane generation rate constant (k) must be determined using the procedures provided in Method 2E of 40 CFR Part 60 appendix A. The landfill owner or operator must estimate the NMOC mass emission rate using Equation 1 or Equation 2 in 40 CFR Part 60.35f(a)(1)(i) or (ii) and using a site-specific methane generation rate constant, and the site-specific NMOC concentration as determined in 40 CFR Part 60.35f(a)(3) instead of the

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default values provided in 40 CFR Part 60.35f(a)(1). The landfill owner or operator must compare the resulting NMOC mass emission rate to the standard of 34 megagrams per year.

(i) If the NMOC mass emission rate as calculated using the Tier 2 site-specific NMOC concentration and Tier 3 site-specific methane generation rate is equal to or greater than 34 megagrams per year, the owner or operator must either:

(A) Submit a gas collection and control system design plan within 1 year as specified in 40 CFR Part 60.38f(d) and install and operate a gas collection and control system within 30 months according to 40 CFR Part 60.33f(b) and (c); or

(B) Conduct a surface emission monitoring demonstration using the Tier 4 procedures specified in 40 CFR Part 60.35f(a)(6).

(ii) If the NMOC mass emission rate is less than 34 megagrams per year, then the owner or operator must recalculate the NMOC mass emission rate annually using Equation 1 or Equation 2 in 40 CFR Part 60.35f(a)(1) and using the site-specific Tier 2 NMOC concentration and Tier 3 methane generation rate constant and submit a periodic NMOC emission rate report as provided in 40 CFR Part 60.38f(c). The calculation of the methane generation rate constant is performed only once, and the value obtained from this test must be used in all subsequent annual NMOC emission rate calculations.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2023.

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

Condition 39: Compliance Certification

Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement: 40CFR 60.35f(a)(6), NSPS Subpart Cf

Item 39.1:

The Compliance Certification activity will be performed for the Facility.

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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Monitoring Description:

NMOC Calculation - Tier 4.

The landfill owner or operator must demonstrate that surface methane emissions are below 500 parts per million. Surface emission monitoring must be conducted on a quarterly basis using the following procedures. Tier 4 is allowed only if the landfill owner or operator can demonstrate that NMOC emissions are greater than or equal to 34 Mg/yr but less than 50 Mg/yr using Tier 1 or Tier 2. If both Tier 1 and Tier 2 indicate NMOC emissions are 50 Mg/yr or greater, then Tier 4 cannot be used. In addition, the landfill must meet the criteria in item (viii) below.

(i) The owner or operator must measure surface concentrations of methane along the entire perimeter of the landfill and along a pattern that traverses the landfill at no more than 30-meter intervals using an organic vapor analyzer, flame ionization detector, or other portable monitor meeting the specifications provided in 40 CFR Part 60.36f(d).

(ii) The background concentration must be determined by moving the probe inlet upwind and downwind at least 30 meters from the waste mass boundary of the landfill.

(iii) Surface emission monitoring must be performed in accordance with section 8.3.1 of Method 21 of 40 CFR Part 60 appendix A, except that the probe inlet must be placed no more than 5 centimeters above the landfill surface; the constant measurement of distance above the surface should be based on a mechanical device such as with a wheel on a pole.

(A) The owner or operator must use a wind barrier, similar to a funnel, when on-site average wind speed exceeds 4 miles per hour or 2 meters per second or gust exceeding 10 miles per hour. Average on-site wind speed must also be determined in an open area at 5-minute intervals using an on-site anemometer with a continuous recorder and data logger for the entire duration of the monitoring event. The wind barrier must surround the SEM monitor, and must be placed on the ground, to ensure wind turbulence is blocked. SEM cannot be conducted if average wind speed exceeds 25 miles per hour.

(B) Landfill surface areas where visual observations indicate elevated concentrations of landfill gas, such as distressed vegetation and cracks or seeps in the cover, and all cover penetrations must also be monitored using a

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device meeting the specifications provided in 40 CFR Part 60.36f(d).

(iv) Each owner or operator seeking to comply with the Tier 4 provisions in 40 CFR Part 60.35f(a)(6) must maintain records of surface emission monitoring as provided in 40 CFR Part 60.39f(g) and submit a Tier 4 surface emissions report as provided in 40 CFR Part 60.38f(d)(4)(iii).

(v) If there is any measured concentration of methane of 500 parts per million or greater from the surface of the landfill, the owner or operator must submit a gas collection and control system design plan within 1 year of the first measured concentration of methane of 500 parts per million or greater from the surface of the landfill according to 40 CFR Part 60.38f(d) and install and operate a gas collection and control system according to 40 CFR Part 60.33f(b) and (c) within 30 months of the most recent NMOC emission rate report in which the NMOC emission rate equals or exceeds 34 megagrams per year based on Tier 2.

(vi) If after four consecutive quarterly monitoring periods at a landfill, other than a closed landfill, there is no measured concentration of methane of 500 parts per million or greater from the surface of the landfill, the owner or operator must continue quarterly surface emission monitoring using the methods specified in this condition.

(vii) If after four consecutive quarterly monitoring periods at a closed landfill there is no measured concentration of methane of 500 parts per million or greater from the surface of the landfill, the owner or operator must conduct annual surface emission monitoring using the methods specified in this condition.

(viii) If a landfill has installed and operates a collection and control system that is not required by this subpart, then the collection and control system must meet the following criteria:

(A) The gas collection and control system must have operated for at least 6,570 out of 8,760 hours preceding the Tier 4 surface emissions monitoring demonstration.

(B) During the Tier 4 surface emissions monitoring demonstration, the gas collection and control system must operate as it normally would to collect and control as much landfill gas as possible.

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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2023.

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

Condition 40: Compliance Certification
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement: 40CFR 60.38f(c), NSPS Subpart Cf

Item 40.1:

The Compliance Certification activity will be performed for the Facility.

Item 40.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Each owner or operator of a municipal solid waste landfill subject to 40 CFR Part 60 Subpart Cf with a design capacity equal to or greater than 2.5 million megagrams and 2.5 million cubic meters must submit an NMOC emission rate report following the procedure specified in 40 CFR Part 60.38f(j)(2) no later than 90 days after the effective date of EPA approval of the state's plan under section 111(d) of the Clean Air Act. The NMOC emission rate report must be submitted to the DEC annually following the procedure specified in 40 CFR Part 60.38f(j)(2), except as provided for in item (3) below. The DEC may request such additional information as may be necessary to verify the reported NMOC emission rate.

(1) The NMOC emission rate report must contain an annual or 5-year estimate of the NMOC emission rate calculated using the formula and procedures provided in 40 CFR Part 60.35f(a) or (b), as applicable.

(2) The NMOC emission rate report must include all the data, calculations, sample reports and measurements used to estimate the annual or 5-year emissions.

(3) If the estimated NMOC emission rate as reported in the annual report to the DEC is less than 34 megagrams per year in each of the next 5 consecutive years, the owner or operator may elect to submit, following the procedure specified in 40 CFR Part 60.38f(j)(2), an estimate of the NMOC emission rate for the next 5-year period in lieu of the annual report. This estimate must include the current

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amount of solid waste-in-place and the estimated waste acceptance rate for each year of the 5 years for which an NMOC emission rate is estimated. All data and calculations upon which this estimate is based must be provided to the DEC. This estimate must be revised at least once every 5 years. If the actual waste acceptance rate exceeds the estimated waste acceptance rate in any year reported in the 5-year estimate, a revised 5-year estimate must be submitted to the DEC. The revised estimate must cover the 5-year period beginning with the year in which the actual waste acceptance rate exceeded the estimated waste acceptance rate.

(4) Each owner or operator subject to the requirements of 40 CFR Part 60, Subpart Cf, is exempted from the requirements to submit an NMOC emission rate report, after installing a collection and control system that complies with 40 CFR Part 60.33f(b) and (c), during such time as the collection and control system is in operation and in compliance with 40 CFR Part 60.34f and 40 CFR Part 60.36f.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2023.

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

Condition 41: Asbestos-containing waste material standard for active waste disposal sites
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:40CFR 61.154, NESHAP Subpart M

Item 41.1:

Owner or operator shall comply with the requirements of 40 CFR Part 61.154 when accepting asbestos-containing waste material from any source required to comply with 40 CFR Part 61.149, 61.150, or 61.155.

Condition 42: Compliance Certification
Effective between the dates of 02/08/2022 and 02/07/2027

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

Item 42.1:

The Compliance Certification activity will be performed for the Facility.

Item 42.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

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Monitoring Description:

The owner or operator of an existing emergency and black start spark ignition stationary RICE located at an area source of HAP emissions must comply with the following maintenance procedures:

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

Continuous compliance will then be demonstrated according to 40 CFR 63.6640. The facility must keep records according to the provisions in 40 CFR 63.6655.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 43: Compliance Certification
Effective between the dates of 02/08/2022 and 02/07/2027

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

Item 43.1:

The Compliance Certification activity will be performed for the Facility.

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an emergency stationary RICE must operate the emergency stationary RICE according to the requirements in 40 CFR 63.6640(f)(1) through (4). In order for the engine to be considered an emergency stationary RICE under subpart ZZZZ, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in 40 CFR 63.6640(f)(1) through (4), is prohibited. If the owner or operator does not operate the engine according to the requirements in 40 CFR 63.6640(f)(1) through (4), the engine will not be considered an emergency engine under subpart ZZZZ and must meet all requirements for non-emergency engines.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

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DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2023.
 Subsequent reports are due every 12 calendar month(s).

**** Emission Unit Level ****

Condition 44: Emission Point Definition By Emission Unit
 Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 44.1:

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

Emission Unit: 1-LFGAS

Emission Point: 00001

Height (ft.): 10 Diameter (in.): 8
 NYTMN (km.): 4811.56 NYTME (km.): 466.457

Emission Point: 00002

Height (ft.): 10 Diameter (in.): 8
 NYTMN (km.): 4811.539 NYTME (km.): 466.451

Emission Point: 00003

Height (ft.): 10 Diameter (in.): 8
 NYTMN (km.): 4811.525 NYTME (km.): 466.43

Emission Point: 00004

Height (ft.): 10 Diameter (in.): 8
 NYTMN (km.): 4811.533 NYTME (km.): 466.406

Emission Point: 00005

Height (ft.): 10 Diameter (in.): 8
 NYTMN (km.): 4811.557 NYTME (km.): 466.404

Emission Point: 00006

Height (ft.): 10 Diameter (in.): 8
 NYTMN (km.): 4811.578 NYTME (km.): 466.412

Emission Point: 00007

Height (ft.): 10 Diameter (in.): 8
 NYTMN (km.): 4811.589 NYTME (km.): 466.435

Emission Point: 00008

Height (ft.): 10 Diameter (in.): 8
 NYTMN (km.): 4811.573 NYTME (km.): 466.486

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Emission Point: 00009
 Height (ft.): 10 Diameter (in.): 8
 NYTMN (km.): 4811.547 NYTME (km.): 466.483

Emission Point: 00010
 Height (ft.): 10 Diameter (in.): 8
 NYTMN (km.): 4811.525 NYTME (km.): 466.472

Emission Point: 00025
 Height (ft.): 25 Diameter (in.): 8
 NYTMN (km.): 4811.679 NYTME (km.): 466.554

Emission Point: 00026
 Height (ft.): 25 Diameter (in.): 8
 NYTMN (km.): 4811.673 NYTME (km.): 466.57

Emission Point: 00027
 Height (ft.): 40 Diameter (in.): 14
 NYTMN (km.): 4811.663 NYTME (km.): 466.546

Condition 45: Process Definition By Emission Unit
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 45.1:

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

Emission Unit: 1-LFGAS
 Process: FLR Source Classification Code: 5-01-004-10

Process Description:

This process consists of flaring of landfill gas with up to 10 passive candlestick flares and three (3) active candlestick flares. Landfill gas is collected and flared to reduce odors and greenhouse gas emissions and to help ensure acceptable air quality.

Emission Source/Control: F0001 - Control
 Control Type: FLARING

Emission Source/Control: F0002 - Control
 Control Type: FLARING

Emission Source/Control: F0003 - Control
 Control Type: FLARING

Emission Source/Control: F0004 - Control
 Control Type: FLARING

Emission Source/Control: F0005 - Control
 Control Type: FLARING

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Emission Source/Control: F0006 - Control
Control Type: FLARING

Emission Source/Control: F0007 - Control
Control Type: FLARING

Emission Source/Control: F0008 - Control
Control Type: FLARING

Emission Source/Control: F0009 - Control
Control Type: FLARING

Emission Source/Control: F0010 - Control
Control Type: FLARING

Emission Source/Control: F0025 - Control
Control Type: FLARING

Emission Source/Control: F0026 - Control
Control Type: FLARING

Emission Source/Control: F0027 - Control
Control Type: FLARING

Emission Source/Control: LANDF - Process
Design Capacity: 28,519,227 cubic yards

Item 45.2:

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

Emission Unit: 1-LFGAS
Process: LFG Source Classification Code: 5-01-004-06
Process Description:
Generation of landfill gas in a municipal solid waste landfill.

Emission Source/Control: LANDF - Process
Design Capacity: 28,519,227 cubic yards

Item 45.3:

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

Emission Unit: 2-VHCPM
Process: VEH Source Classification Code: 5-01-004-02
Process Description:
Fugitive emissions from vehicular traffic at the landfill.

Emission Source/Control: VEHIC - Process

Item 45.4:

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

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Emission Unit: 3-LCHST
 Process: LEA Source Classification Code: 5-01-007-95
 Process Description:
 Storage of landfill leachate in above ground tanks.

Emission Source/Control: LEACH - Process

Condition 46: Compliance Certification
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement: 6 NYCRR 212-2.1 (b)

Item 46.1:
 The Compliance Certification activity will be performed for:

Emission Unit: 1-LFGAS
 Regulated Contaminant(s):
 CAS No: 0NY100-00-0 TOTAL HAP

Item 46.2:
 Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
 Monitoring Description:

Source owner shall test for all Hazardous Air Pollutants (HAP) identified in AP-42, section 2.4, during the testing required in condition number 39. For those contaminants measured in conjunction with this testing and not having specific emission limits established in this permit, the following procedure will be followed:

- a) The emission rates available will be input into, an EPA approved, atmospheric dispersion model if the testing results indicate that the concentration of the AP-42 HAP is greater than the concentration reported in the initial permit application and if the emission rates are higher than those predicted in the permit application. The purpose of this modeling will be to predict the maximum short-term and annual ambient impacts for those contaminants. Owner may utilize site specific parameters, in determining the landfill emissions, if the parameters have been determined based on testing conducted in accordance with condition 30 and/or 31. Permittee shall notify NYSDEC Region 6, with the results of such modeling within 30 days of completion.
- b) If any Short-term Guideline Concentrations (SGCs) or Annual Guideline Concentrations (AGCs), as contained in NYSDEC Policy Document, DAR-1, "Guidelines for the Control of Toxic Ambient Air Contaminants", are exceeded as a

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result of these analyses, the permittee will be required to perform a risk assessment for possible health impacts. The health impact will be performed only for those contaminants that exceed their respective SGCs or AGCs.

c) Source owner shall submit a proposed risk assessment protocol to NYSDEC within 90 days of notification to the NYSDEC Region 6, by the permittee, that an SGC or AGC has been exceeded. The results of the risk assessment will be submitted to NYSDEC within 90 days of NYSDEC's written approval of the Owner's proposed risk assessment protocol. As a result of the risk assessment, NYSDEC may consider additional terms and conditions for the operation of the landfill to mitigate identified emissions of concern.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 47: EPA Region 2 address.
Effective between the dates of 02/08/2022 and 02/07/2027**

Applicable Federal Requirement:40CFR 60.4, NSPS Subpart A

Item 47.1:

This Condition applies to Emission Unit: 1-LFGAS

Item 47.2:

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

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

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

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

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Condition 48: Recordkeeping requirements.

Effective between the dates of 02/08/2022 and 02/07/2027

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

Item 48.1:

This Condition applies to Emission Unit: 1-LFGAS

Item 48.2:

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

Condition 49: Compliance Certification

Effective between the dates of 02/08/2022 and 02/07/2027

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

Item 49.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-LFGAS

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Affected owners or operators shall submit an excess emissions report semi-annually based on the calendar year (or more frequently as required by the applicable Subpart or the Administrator), to the Administrator. These reports shall be postmarked no later than 30 calendar days following the end of the reporting period, and shall contain the following information:

- 1) the magnitude of excess emissions computed, any conversion factors used, the date and time of each occurrence, and the process operating time during the reporting period;
- 2) specific identification of each period of excess emissions that occur during startup, shutdown, or malfunction, where the nature, cause, and corrective action are provided for a malfunction;
- 3) the date and time identifying each period during which the continuous monitoring system was inoperative except for zero span checks and the nature of the system repairs

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or adjustments; and

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

Monitoring Frequency: CONTINUOUS
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 50: Excess Emissions Report
Effective between the dates of 02/08/2022 and 02/07/2027

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

Item 50.1:
 This Condition applies to Emission Unit: 1-LFGAS

Item 50.2:
 A summary report form, for each pollutant monitored, shall be sent to the Administrator in the form prescribed in Figure 1 of 40 CFR Part 60.7(d).

Condition 51: Facility files for subject sources.
Effective between the dates of 02/08/2022 and 02/07/2027

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

Item 51.1:
 This Condition applies to Emission Unit: 1-LFGAS

Item 51.2:
 The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by this part, recorded in permanent form suitable for inspection. The file shall be maintained for at least two years following the date of such measurements, reports, and records.

Condition 52: Performance test methods.
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:40CFR 60.8(b), NSPS Subpart A

Item 52.1:
 This Condition applies to Emission Unit: 1-LFGAS

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Item 52.2:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in this part or by alternative methods and procedures approved by the Administrator.

Condition 53: Required performance test information.
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:40CFR 60.8(c), NSPS Subpart A

Item 53.1:

This Condition applies to Emission Unit: 1-LFGAS

Item 53.2:

Performance tests shall be conducted under such conditions specified by the Administrator, based upon representative performance data supplied by the owner or operate of the facility.

Condition 54: Prior notice.
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:40CFR 60.8(d), NSPS Subpart A

Item 54.1:

This Condition applies to Emission Unit: 1-LFGAS

Item 54.2:

The owner or operator shall provide the Administrator with prior notice of any performance test at least 30 days in advance of testing.

Condition 55: Performance testing facilities.
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:40CFR 60.8(e), NSPS Subpart A

Item 55.1:

This Condition applies to Emission Unit: 1-LFGAS

Item 55.2:

The following performance testing facilities shall be provided during all tests:

- 1) sampling ports adequate for tests methods applicable to such facility;
- 2) a safe sampling platform;

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- 3) a safe access to the sampling platform; and
- 4) utilities for sampling and testing equipment.

Condition 56: Number of required tests.
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:40CFR 60.8(f), NSPS Subpart A

Item 56.1:
This Condition applies to Emission Unit: 1-LFGAS

Item 56.2:
Each performance test shall consist of three separate runs, at the specified duration required in the applicable test method. Compliance with all applicable standards shall be determined by using the arithmetic means of the results of the three runs.

Condition 57: Availability of information.
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 57.1:
This Condition applies to Emission Unit: 1-LFGAS

Item 57.2:
The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by part 2 of this chapter.

Condition 58: Compliance with Standards and Maintenance Requirements
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:40CFR 60.11(d), NSPS Subpart A

Item 58.1:
This Condition applies to Emission Unit: 1-LFGAS

Item 58.2:
At all times, including periods of startup, shutdown, and malfunction, owners and operators of this facility shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department and the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source

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Condition 59: Circumvention.

Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Item 59.1:

This Condition applies to Emission Unit: 1-LFGAS

Item 59.2:

No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere.

Condition 60: Compliance Certification

Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:6 NYCRR 200.7

Item 60.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-LFGAS

Process: FLR

Regulated Contaminant(s):

CAS No: 0NY998-20-0 NMOC - LANDFILL USE ONLY

Item 60.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All flares shall meet, at a minimum, the following conditions:

1) be designed and operated with no visible emissions as determined by Method 9. Method 9 testing will be conducted upon the request of the Department;

2) be operated with a flame present at all times that landfill gas is being sent to the flares, as determined by Method 9. Method 9 testing will be conducted upon the request of the Department;

3) be used only with a net heating value of the gas being combusted at 300 Btu/scf or greater if the flare is steam

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or air assisted, or 200 Btu/scf or greater if the flare is nonassisted. The net heating value of the gas being combusted shall be determined using Method 22. Method 22 testing will be conducted upon the request of the Department; and

4) be designed to operate under the exit velocity parameters specified by the Administrator.

Reference Test Method: EPA RM 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2022.

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

Condition 61: Compliance Certification
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement:6 NYCRR 212-1.6 (a)

Item 61.1:

The Compliance Certification activity will be performed for:

Emission Unit: 1-LFGAS

Process: FLR

Item 61.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Facility shall not cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any Emission Source (F0001 - F0027) associated with Process FLR, except only the emission of uncombined water. The Department reserves the right to perform or require the performance of an EPA Reference Method 9 opacity evaluation at any time during facility operation.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

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Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 7/30/2022.
 Subsequent reports are due every 6 calendar month(s).

Condition 62: Compliance Certification
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable Federal Requirement: 6 NYCRR 212-2.4 (b)

Item 62.1:
 The Compliance Certification activity will be performed for:

Emission Unit: 1-LFGAS
 Process: FLR

Item 62.2:
 Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
 Monitoring Description:

The permittee will conduct observations of visible emissions from each Emission Source (F0001 - F0027) associated with Process FLR at the monitoring frequency stated below while they are 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 an emission 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 an EPA Reference Method 9 assessment within 24 hours to determine the degree of opacity.

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

Monitoring Frequency: WEEKLY
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

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Reports due 30 days after the reporting period.
The initial report is due 7/30/2022.
Subsequent reports are due every 6 calendar month(s).

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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 in 6 NYCRR 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 demonstrate, 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 facility was being properly operated and maintained;

(3) during the period of the emergency the facility owner or operator took all reasonable steps to minimize the 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 any 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 malfunction provision contained in any applicable requirement.

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

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all

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criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

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

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.

Condition 63: Contaminant List

Effective between the dates of 02/08/2022 and 02/07/2027

Applicable State Requirement: ECL 19-0301

Item 63.1:

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

CAS No: 000056-23-5
Name: CARBON TETRACHLORIDE

CAS No: 000071-43-2
Name: BENZENE

CAS No: 000075-01-4
Name: VINYL CHLORIDE

CAS No: 000079-01-6
Name: TRICHLOROETHYLENE

CAS No: 000079-34-5
Name: 1,1,2,2-TETRACHLOROETHANE

CAS No: 000095-53-4
Name: BENZENAMINE, 2-METHYL

CAS No: 000106-93-4

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Name: ETHANE, 1,2-DIBROMO

CAS No: 000107-06-2

Name: 1,2-DICHLOROETHANE

CAS No: 000107-13-1

Name: PROPENENITRILE

CAS No: 000127-18-4

Name: PERCHLOROETHYLENE

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 007439-97-6

Name: MERCURY

CAS No: 007783-06-4

Name: HYDROGEN SULFIDE

CAS No: 0NY100-00-0

Name: TOTAL HAP

CAS No: 0NY998-00-0

Name: VOC

CAS No: 0NY998-20-0

Name: NMOC - LANDFILL USE ONLY

Condition 64: Malfunctions and Start-up/Shutdown Activities
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable State Requirement:6 NYCRR 201-1.4

Item 64.1:

(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 maintenance and start-up/shutdown activities when they are expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when required by a permit condition or upon request by the department. Such reports shall state whether an exceedance occurred and if it was unavoidable, include the time, frequency and duration of the exceedance, 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 monitoring and quarterly reporting requirements need not submit additional reports of exceedances to the department.

(c) In the event that air contaminant emissions exceed any applicable emission standard due to

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a malfunction, the facility owner or operator shall 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. In addition, the facility owner or operator shall compile and maintain a record of all malfunctions. Such records shall be maintained at the facility for a period of at least five years and must be made available to the department upon request. 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, the air contaminants emitted, and the resulting emission rates and/or opacity.

(d) The department may also require the facility 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 65: CLCPA Applicability
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable State Requirement:6 NYCRR 201-6.5 (a)

Item 65.1:

Pursuant to The New York State Climate Leadership and Community Protection Act (CLCPA) and Article 75 of the Environmental Conservation Law, emission sources shall comply with regulations to be promulgated by the Department to ensure that by 2030 statewide greenhouse gas emissions are reduced by 40% of 1990 levels, and by 2050 statewide greenhouse gas emissions are reduced by 85% of 1990 levels.

Condition 66: Air pollution prohibited
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable State Requirement:6 NYCRR 211.1

Item 66.1:

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 67: Compliance Demonstration

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Effective between the dates of 02/08/2022 and 02/07/2027

Applicable State Requirement: 6 NYCRR 212-2.2

Item 67.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000071-43-2	BENZENE
CAS No: 000075-01-4	VINYL CHLORIDE
CAS No: 000079-01-6	TRICHLOROETHYLENE
CAS No: 000079-34-5	1,1,2,2-TETRACHLOROETHANE
CAS No: 000095-53-4	BENZENAMINE, 2-METHYL
CAS No: 000106-93-4	ETHANE, 1,2-DIBROMO
CAS No: 000107-06-2	1,2-DICHLOROETHANE
CAS No: 000107-13-1	PROPENENITRILE
CAS No: 000127-18-4	PERCHLOROETHYLENE
CAS No: 007439-97-6	MERCURY
CAS No: 000056-23-5	CARBON TETRACHLORIDE

Item 67.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For air contaminants listed in Section 212-2.2 Table 2 – High Toxicity Air Contaminant List, of this Part, the facility owner or operator shall limit the actual annual emissions from all process operations at the facility so as to not exceed the mass emission limit listed for the individual HTAC.

- (000056-23-5) Carbon tetrachloride = 100 pounds per year
- (000071-43-2) Benzene = 100 Pounds per year
- (000075-01-4) Vinyl chloride = 100 pounds per year
- (000079-01-6) Trichloroethylene = 500 pounds per year
- (000079-34-5) 1,1,2,2-Tetrachloroethane = 1000 pounds per year
- (000095-53-4) O-toluidine = 100 pounds per year
- (000106-93-4) 1,2-Dibromoethane = 5 pounds per year
- (000107-06-2) 1,2-Dichloroethane = 100 pounds per year
- (000107-13-1) Propentriple = 25 pounds per year
- (000127-18-4) Perchloroethylene = 1000 pounds per year
- (007439-97-6) Mercury = 5 pounds per year

Permit ID: 6-3024-00009/00007

Facility DEC ID: 6302400009

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2023.
Subsequent reports are due every 12 calendar month(s).

Condition 68: Idling of Diesel Trucks Limited
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable State Requirement:6 NYCRR 217-3.2

Item 68.1:

No person who owns, operates or leases a bus or truck, the motive power for which is provided by a diesel engine or who owns, leases or occupies land and has the actual or apparent dominion or control over the operation of a bus or truck present on such land, the motive power for which said bus or truck is provided by a diesel engine, shall allow or permit the diesel engine of such bus or truck to idle for more than five consecutive minutes when the bus or truck is not in motion, except as otherwise permitted by 6 NYCRR Subpart 217-3.3.

Condition 69: Exceptions
Effective between the dates of 02/08/2022 and 02/07/2027

Applicable State Requirement:6 NYCRR 217-3.3

Item 69.1:

The prohibitions of section 217-3.2 shall not apply when:

(a) A bus or truck is forced to remain motionless because of the traffic conditions over which the operator thereof has no control.

(b) Regulations adopted by Federal, State or local agencies having jurisdiction require the maintenance of a specific temperature for passenger comfort. The idling time specified in section 217-3.2 may be increased, but only to the extent necessary to comply with such regulations.

(c) A diesel engine is being used to provide power for an auxiliary purpose, such as loading, discharging, mixing or processing cargo; controlling cargo temperature; construction; lumbering; oil or gas well servicing; farming; or when operation of the engine is required for the purpose of maintenance.

(d) Fire, police and public utility trucks or other vehicles are performing emergency services.

(e) Trucks owned or operated by persons engaged in mining and quarrying are used within the confines of such person's property.

(f) A truck is to remain motionless for a period exceeding two hours, and during which period the ambient temperature is continuously below 25oF.

(g) A heavy duty diesel vehicle, as defined in subdivision 217-5.1(o), that is queued for or is undergoing a state authorized periodic or roadside diesel emissions inspection pursuant to

Permit ID: 6-3024-00009/00007

Facility DEC ID: 6302400009

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION