

Facility DEC ID: 9292600158

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 9-2926-00158/00002
Effective Date: 01/14/2022 Expiration Date: 01/13/2027

Permit Issued To: OATH HOLDINGS INC
5365 CROWN DR
LOCKPORT, NY 14094

Facility: YAHOO
5319 ENTERPRISE DR
LOCKPORT, NY 14094

Contact: PAUL BONARO
Yahoo
5319 Enterprise Dr
Lockport, NY 14094

Description:

(1) Verizon Media (Verizon) owns and operates a data center complex at 5319 Enterprise Drive, Lockport, New York. The complex includes an administrative building and two data centers identified as BF1 and BF2 with a total of thirty-eight (38) emergency generator sets and two (2) emergency fire pumps. The generator sets are all diesel fuel-fired stationary internal combustion engines used to provide electricity in the event of a power outage. The fire pump engines are also diesel fired and operate only in the case of an emergency (e.g., fire).

(2) This permit action is the first renewal permit to the initial Air State Facility permit Ren 0 Mod 0 issued on November 14, 2011. This renewal permit Ren 1 Mod 0 allows continued operation of the data centers.

(3) The permit contains limitations on the combined total operation of the thirty-eight (38) emergency generator sets from both data centers to 5,291 hours per year. In addition, each individual emergency generator set engine and fire pump engine from both data centers cannot operate more than 450 hours per year per engine. These limitations reduce the potential Nitrogen Oxide (NOx) emissions from the facility to less than 100 tons per year or below 196,000 pounds per year.

(4) The facility is required to annually certify each 12-month rolling total hourly usage for the thirty-eight (38) generator sets do not exceed 5,291 hours. On an annual basis, the facility shall certify compliance with the 450 hour per year limit per engine by providing the monthly usage and the rolling 12-month total operation of each individual emergency generator set engine and each fire pump engine.

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(5) The facility must comply with the applicable requirements of 40CFR60 Subpart IIII - Standards of Performance for Compression Ignition Internal Combustion Engines. Verizon has demonstrated the engines satisfy the applicable emission standards for each engine. Each of the engines are equipped with a non-resettable hour meter.

(6) An air quality dispersion modeling analysis was not completed for the 1-hour nitrogen dioxide (NO₂) National Ambient Air Quality Standard (NAAQS). This decision was based on the March 1, 2011 EPA guidance document that states the 1-hour NO₂ NAAQS should be based on emission scenarios that can logically be assumed to be relatively continuous or which occur frequently enough to contribute significantly to the annual distribution of daily maximum 1-hour concentrations.

(7) The renewal application for this Air State Facility Permit must be submitted to the department at least 180 days, but not more than 18 months, prior to the date of permit expiration. While the renewal application is being processed by the department, the owner or operator of the facility may continue to operate under the terms and conditions of the existing permit, provided the application is submitted in accordance with 6NYCRR Part 201-5.2(c).

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: LISA M CZECHOWICZ
NYSDEC - REGION 9
270 MICHIGAN AVE
BUFFALO, NY 14203-2915

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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- 6 4 Permit modifications, suspensions or revocations by the Department

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

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

The permittee must submit a renewal application at least 180 days before 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 submitted prior to actual transfer of ownership.

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

Item 4.1:

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

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

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

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

Item 5.1:

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

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ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

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Permit Issued To: OATH HOLDINGS INC
5365 CROWN DR
LOCKPORT, NY 14094

Facility: YAHOO
5319 ENTERPRISE DR
LOCKPORT, NY 14094

Authorized Activity By Standard Industrial Classification Code:
4911 - ELECTRIC SERVICES
7379 - COMPUTER RELATED SERVICES, NEC
8999 - SERVICES, NEC

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- 7 *3 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 8 *4 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 10 5 6 NYCRR 211.2: Visible Emissions Limited
- 11 6 6 NYCRR 225-1.2 (d): Compliance Demonstration
- 11 7 40CFR 60.4205(b), NSPS Subpart IIII: Compliance Demonstration
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- 14 9 40CFR 60.4205(c), NSPS Subpart IIII: Compliance Demonstration
- 15 10 40CFR 60.4207(b), NSPS Subpart IIII: Compliance Demonstration
- 16 11 40CFR 60.4209(a), NSPS Subpart IIII: Compliance Demonstration
- 16 12 40CFR 60.4211(c), NSPS Subpart IIII: Compliance Demonstration
- 17 13 40CFR 60.4211(f), NSPS Subpart IIII: Compliance Demonstration
- 18 14 40CFR 63.6590(c), Subpart ZZZZ: Compliance Demonstration

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- 21 15 ECL 19-0301: Contaminant List
- 21 16 6 NYCRR 201-1.4: Malfunctions and Start-up/Shutdown Activities
- 22 17 6 NYCRR Subpart 201-5: Emission Unit Definition
- 23 18 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 23 19 6 NYCRR 201-5.3 (c): CLCPA Applicability
- 23 20 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 24 21 6 NYCRR 211.1: Air pollution prohibited

Emission Unit Level

- 24 22 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 27 23 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.

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FEDERALLY ENFORCEABLE CONDITIONS

Renewal 1/FINAL

**** Facility Level ****

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Sealing - 6 NYCRR 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation. Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

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

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

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

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

Item C: Maintenance of Equipment - 6 NYCRR 200.7

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

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required to operate such device effectively.

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

(a) Except as otherwise provided by this Part, construction or operation of a new, modified or existing air contamination source without a registration or permit issued pursuant to this Part is prohibited.

(b) If an existing facility or emission source was subject to the permitting requirements of this Part at the time of construction or modification, and the owner or operator failed to apply for a permit or registration as described in this Part, the owner or operator must apply for a permit or registration in accordance with the provisions of this Part. The facility or emission source is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing emission sources.

Item E: Recycling and Salvage - 6 NYCRR 201-1.7

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

Item F: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8

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

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

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request.

Department representatives must be granted access to any facility which contains emission sources or units subject to 6 NYCRR Subpart 201-3, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations, or law.

Item H: Proof of Eligibility for Sources Defined as Trivial

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Activities - 6 NYCRR 201-3.3 (a)

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

Item I: Required Emission Tests - 6 NYCRR 202-1.1

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

Item J: Open Fires Prohibitions - 6 NYCRR 215.2

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

Item K: Permit Exclusion - ECL 19-0305

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

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

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

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Non Applicable requirements
Effective between the dates of 01/14/2022 and 01/13/2027

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

Item 1.1:

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.

6 NYCRR 227-2.4 (f) (6)

Reason: The facility is not subject to 6NYCRR Subpart 227-2 Reasonably Available Control Technology (RACT) For Major Facilities of Oxides Of Nitrogen (NO_x). As per 6NYCRR Subpart 227-2.4(f)(6), emergency power generating stationary internal combustion engines are exempt from the requirements of this subdivision. By definition, an emergency power generating stationary internal combustion engine operates as a mechanical or electrical power source only when the usual supply of power is unavailable, and operates for no more than 500 hours per year. The 500 hours of annual operation for an engine include operation during emergency situations, routine maintenance, and routine exercising (for example, test firing the engine for one hour a week to ensure reliability).

Condition 2: Facility Permissible Emissions
Effective between the dates of 01/14/2022 and 01/13/2027

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 2.1:

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

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

CAS No: 0NY210-00-0

PTE: 196,800 pounds per year

Name: OXIDES OF NITROGEN

Condition 3: Capping Monitoring Condition
Effective between the dates of 01/14/2022 and 01/13/2027**Applicable Federal Requirement: 6 NYCRR Subpart 201-7****Item 3.1:**

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

6 NYCRR Subpart 201-6

6 NYCRR Subpart 231-5

6 NYCRR Subpart 231-7

Item 3.2:

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

Item 3.3:

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

Item 3.4:

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

Item 3.5:

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

Item 3.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 3.7:

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Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

LIMITATION ON TOTAL COMBINED ANNUAL HOURS OF OPERATION

5,291 HRS/YR ON THIRTY-EIGHT (38) EMERGENCY
GEN-SETS

(1) The facility limits the combined total operation of the thirty-eight (38) emergency generator sets to 5,291 hours per year.

(2) The facility has demonstrated that by limiting the hours of operation as described above, the potential nitrogen oxides (NOx) emissions from the facility are reduced to less than 100 tons per year (tpy) which is below Title V (6NYCRR 201-6), New Source Review (6NYCRR 231-5), and Prevention of Significant Deterioration (6NYCRR 231-7) applicability thresholds.

(3) To maintain compliance with the annual operational limit, the facility shall record the hours of operation from each engine on a monthly basis. The monthly records shall be used to calculate a 12-month rolling total hourly usage for the thirty-eight (38) generator sets. Records shall be maintained on-site for five years and made available upon request.

(4) On an annual basis, the facility shall certify compliance with the 5,291 hour per year operational limit of the thirty-eight (38) emergency generator sets (not including the fire pumps) by providing the rolling 12-month total operation of the 38 engines. The compliance certification shall be emailed electronically by January 30 each year to the Region 9 DEC office.

Parameter Monitored: OPERATING HOURS

Upper Permit Limit: 5291 hours

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 4: Capping Monitoring Condition
Effective between the dates of 01/14/2022 and 01/13/2027

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Applicable Federal Requirement: 6 NYCRR Subpart 201-7**Item 4.1:**

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

6 NYCRR Subpart 201-6
6 NYCRR Subpart 231-5
6 NYCRR Subpart 231-7

Item 4.2:

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

Item 4.3:

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

Item 4.4:

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

Item 4.5:

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

Item 4.6:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 4.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
LIMITATION ON INDIVIDUAL ENGINE HOURS OF OPERATION
450 HRS/YR ON EACH EMERGENCY GEN-SETS & FIRE PUMPS

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(1) The facility limits the hours of operation of each emergency generator set engine and each emergency fire pump engine to no more than 450 hours per year.

(2) The facility has demonstrated that by limiting the hours of operation as described above, the potential nitrogen oxides (NO_x) emissions from the facility are reduced to less than 100 tons per year (tpy) which is below Title V (6NYCRR 201-6), New Source Review (6NYCRR 231-5), and Prevention of Significant Deterioration (6NYCRR 231-7) applicability thresholds.

(3) To maintain compliance with the annual operational limit, the facility shall record the hours of operation from each individual engine on a monthly basis. The monthly records shall be used to calculate a 12-month rolling total hourly usage for each individual generator set engine and each individual fire pump engine. Records shall be maintained on-site for five years and made available upon request.

(4) On an annual basis, the facility shall certify compliance with the 450 hour per year limit per engine by providing the monthly usage and the rolling 12-month total operation of each emergency generator set engine and each fire pump engine. The compliance certification shall be emailed electronically by January 30 each year to the Region 9 DEC office.

Parameter Monitored: OPERATING HOURS

Upper Permit Limit: 450 hours

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2022.

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

Condition 5: Visible Emissions Limited
Effective between the dates of 01/14/2022 and 01/13/2027

Applicable Federal Requirement: 6 NYCRR 211.2

Item 5.1:

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 6: Compliance Demonstration

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

Item 6.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 6.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners or operators of emission sources that fire distillate oil are limited to a 0.0015 percent sulfur content by weight of the fuel. Compliance with the sulfur-in-fuel limitation is based on fuel vendor receipts. All fuel vendor receipts must be maintained on site or at a Department approved alternative location for a minimum of five years.

Note - Process sources and incinerators must comply with the above requirements on or after July 1, 2023.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: DIESEL OIL

Parameter Monitored: SULFUR CONTENT

Upper Permit Limit: 0.0015 percent by weight

Monitoring Frequency: PER DELIVERY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 7: Compliance Demonstration

Effective between the dates of 01/14/2022 and 01/13/2027

Applicable Federal Requirement:40CFR 60.4205(b), NSPS Subpart IIII

Item 7.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY508-00-0 40 CFR 60 SUBPART IIII - NMHC + NOX

Item 7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EMISSION STANDARDS

EMERGENCY GENERATOR SETS >3,000 HP

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As per § 60.4205(b), owners and operators of 2007 model year and later emergency stationary CI ICE with a displacement of less than 30 liters per cylinder that are not fire pump engines must comply with the emission standards for new nonroad CI engines in §60.4202, for all pollutants, for the same model year and maximum engine power for their 2007 model year and later emergency stationary CI ICE.

As per § 60.4202(b), Stationary CI internal combustion engine manufacturers must certify their 2007 model year and later emergency stationary CI ICE with a maximum engine power greater than 2,237 KW (3,000 HP) and a displacement of less than 10 liters per cylinder that are not fire pump engines to the emission standards specified in paragraphs (b)(1) through (2) of this section.

(1) For 2007 through 2010 model years, the emission standards in Table 1 to Subpart IIII of Part 60, for all pollutants, for the same maximum engine power apply to PROCESS 001 – SIX (6) 3,056 HP CUMMINS ENGINES MANUFACTURED IN CY2010:

1.3 g/KW-hr (1.0g/HP-hr) HC
9.2 g/KW-hr (6.9g/HP-hr) NOx
11.4 g/KW-hr (8.5g/HP-hr) CO
0.54 g/KW-hr (0.40g/HP-hr) PM

(2) For 2011 model year and later, the Tier 2 emission standards as described in 40 CFR part 1039, appendix I, for all pollutants and the smoke standards as specified in 40 CFR 1039.105 apply to PROCESS 002 – THREE (3) 3,280 HP CUMMINS ENGINES MANUFACTURED IN CY 2014:

0.40 g/kW-hr NMHC
3.5 g/kW-hr NOx
3.5 g/kW-hr CO
0.10 g/kW-hr PM

The Exhaust Emission Compliance Statement for the engines should be maintained on-site and made available upon request.

No reporting is required for this permit condition unless requested by the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 8: Compliance Demonstration
Effective between the dates of 01/14/2022 and 01/13/2027

Applicable Federal Requirement:40CFR 60.4205(b), NSPS Subpart IIII

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Facility DEC ID: 9292600158

Item 8.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY508-00-0 40 CFR 60 SUBPART III - NMHC + NOX

Item 8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EMISSION STANDARDS

EMERGENCY GENERATOR SETS <3,000 HP

(1) As per § 60.4205(b), owners and operators of 2007 model year and later emergency stationary CI ICE with a displacement of less than 30 liters per cylinder that are not fire pump engines must comply with the emission standards for new nonroad CI engines in §60.4202, for all pollutants, for the same model year and maximum engine power for their 2007 model year and later emergency stationary CI ICE.

(2) As per § 60.4202(a)(2), For engines with a rated power greater than or equal to 37 KW (50 HP), the Tier 2, Tier 3 or Tier 4 emission standards for new nonroad CI engines for the same rated power as described in 40 CFR part 1039, appendix I, for all pollutants and the smoke standards as specified in 40 CFR 1039.105 beginning in model year 2007 as follows:

Tier 2 Emission Standards for PROCESS 001
 - SIX (6) 2,922 HP CUMMINS ENGINES
 MANUFACTURED IN CY2009 AND ONE (1) 1,220
 HP CUMMINS ENGINE MANUFACTURED IN
 CY2009:
 6.4 g/kW-hr (4.77g/HP-hr) NMHC +
 NOx
 3.5g/kW-hr (2.61g/HP-hr) CO
 0.20g/kW-hr (0.15g/HP-hr) PM

Tier 4 Emission Standards for PROCESS 002
 – FOUR (4) 2,922 HP CUMMINS ENGINES
 MANUFACTURED IN CY2014 AND EIGHTEEN (18)

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1,220 HP CUMMINS ENGINES MANUFACTURED IN
CY2014:

0.40 g/kW-hr NMHC

3.5 g/kW-hr NOx

3.5 g/kW-hr CO

0.10 g/kW-hr PM

(3) The Exhaust Emission Compliance Statement for the engines should be maintained on-site and made available upon request.

(4) No reporting is required for this permit condition unless requested by the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 9: Compliance Demonstration
Effective between the dates of 01/14/2022 and 01/13/2027

Applicable Federal Requirement: 40CFR 60.4205(c), NSPS Subpart IIII

Item 9.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY508-00-0 40 CFR 60 SUBPART IIII - NMHC + NOX

Item 9.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

EMISSION STANDARDS
EMERGENCY FIRE PUMPS

(1) As per §60.4205(c), Owners and operators of fire pump engines with a displacement of less than 30 liters per cylinder must comply with the emission standards in Table 4 to Subpart IIII of Part 60, for all pollutants as follows:

PROCESS 003 – ONE(1) 85 HP CLARKE
MANUFACTURED IN CY2009:

10.5 g/kW-hr (7.8g/HP-hr) NMHC + NOx

5.0 g/kW-hr (3.7g/HP-hr) CO

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0.80g/kW-hr (0.60g/HP-hr) PM

PROCESS 003 – ONE(1) 118 HP CUMMINS

MANUFACTURED IN CY2014:

4.0 g/kW-hr (3.0g/HP-hr) NMHC + NO_x

0.30 g/kW-hr (0.22g/HP-hr) Particulate Matter

(2) The Exhaust Emission Compliance Statement for the engines should be maintained on-site and made available upon request.

(3) No reporting is required for this permit condition unless requested by the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 10: Compliance Demonstration
Effective between the dates of 01/14/2022 and 01/13/2027

Applicable Federal Requirement:40CFR 60.4207(b), NSPS Subpart IIII

Item 10.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY508-00-0 40 CFR 60 SUBPART IIII - NMHC + NO_x

Item 10.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

FUEL REQUIREMENTS

(1) Beginning October 1, 2010, owners and operators of stationary CI ICE subject to this subpart with a displacement of less than 30 liters per cylinder that use diesel fuel must use diesel fuel that meets the requirements of 40 CFR 1090.305 (listed below) for nonroad diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to October 1, 2010, may be used until depleted.

§ 1090.305 - Ultra Low Sulfur Diesel standards.

(a) Overview. Except as specified in § 1090.300(a), diesel fuel must meet the ULSD per-gallon standards of this section.

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(b) Sulfur standard. Maximum sulfur content of 15 ppm.

(c) Cetane index or aromatic content. Diesel fuel must meet one of the following standards:

- (i) Minimum cetane index of 40.
- (ii) Maximum aromatic content of 35 volume percent.

(2) The facility shall keep copies of the certificate of analysis provided by the fuel supplier for each diesel fuel shipment. Records of all certificates of analysis must be maintained on site for a minimum of five years.

(3) No reporting is required for this permit condition unless requested by the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 11: Compliance Demonstration
Effective between the dates of 01/14/2022 and 01/13/2027

Applicable Federal Requirement: 40CFR 60.4209(a), NSPS Subpart IIII

Item 11.1:
The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY508-00-0 40 CFR 60 SUBPART IIII - NMHC + NOX

Item 11.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

MONITORING REQUIREMENTS

(1) A non-resettable hour meter must be installed on each emergency engine prior to startup.

(2) No reporting is required for this permit condition unless requested by the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 12: Compliance Demonstration
Effective between the dates of 01/14/2022 and 01/13/2027

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Applicable Federal Requirement:40CFR 60.4211(c), NSPS Subpart IIII

Item 12.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY508-00-0 40 CFR 60 SUBPART IIII - NMHC + NOX

Item 12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

COMPLIANCE REQUIREMENTS

(1) Each engine purchased must be EPA certified to the emission standards in § 60.4205(b) or (c), as applicable.

(2) Each engine must be installed and configured according to the manufacturer's emission-related specifications.

(3) Operate and maintain each stationary CI internal combustion engine and control device according to the manufacturer's emission-related written instructions.

(4) Change only those emission-related settings that are permitted by the manufacturer.

(5) Maintain records documenting the engine is operated and maintained in accordance with the manufacturer specifications.

(6) No reporting is required for this permit condition unless requested by the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 13: Compliance Demonstration

Effective between the dates of 01/14/2022 and 01/13/2027

Applicable Federal Requirement:40CFR 60.4211(f), NSPS Subpart IIII

Item 13.1:

The Compliance Demonstration activity will be performed for the Facility.

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Regulated Contaminant(s):

CAS No: 0NY508-00-0 40 CFR 60 SUBPART IIII - NMHC + NOX

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

COMPLIANCE REQUIREMENTS

(1) Each emergency stationary ICE must be operated according to the requirements summarized below. If you do not operate the engine according to the requirements, the engine will not be considered an emergency engine and must meet all requirements for non-emergency engines.

(a) There are no limits on hours of operation for emergency service;

(b) Maintenance checks and readiness testing is limited to 100 hours per year;

(c) Operate the emergency engine up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing;

(2) No reporting is required for this permit condition unless requested by the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 14: Compliance Demonstration
Effective between the dates of 01/14/2022 and 01/13/2027

Applicable Federal Requirement: 40CFR 63.6590(c), Subpart ZZZZ

Item 14.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This requirement applies to all engines in Processes 001, 002 and 003 upon startup.

An affected source that is a new or reconstructed stationary RICE located at an area source must meet the requirements of 40 CFR 63 Subpart ZZZZ by meeting the requirements of 40 CFR Part 60 Subpart IIII, for

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compression ignition engines. No further requirements
apply for such engines under this part.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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

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

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with 6 NYCRR Part 616 - Public Access to Records.
Facility owners and/or operators must submit the records
required to comply with the request within sixty working
days of written notification by the Department.

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

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

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

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 15: Contaminant List

Effective between the dates of 01/14/2022 and 01/13/2027

Applicable State Requirement: ECL 19-0301

Item 15.1:

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

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

CAS No: 0NY508-00-0
Name: 40 CFR 60 SUBPART IIII - NMHC + NOX

Condition 16: Malfunctions and Start-up/Shutdown Activities

Effective between the dates of 01/14/2022 and 01/13/2027

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Applicable State Requirement:6 NYCRR 201-1.4**Item 16.1:**

(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 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 17: Emission Unit Definition**Effective between the dates of 01/14/2022 and 01/13/2027****Applicable State Requirement:6 NYCRR Subpart 201-5****Item 17.1:**

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

Emission Unit: U-EMGEN

Emission Unit Description:

Emission Unit, U-EMGEN, includes thirty-eight (38) diesel fired internal combustion engines (ICE) used for emergency

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back-up electricity generation and two (2) diesel fired
ICE used with emergency fire pumps.

Condition 18: Renewal deadlines for state facility permits
Effective between the dates of 01/14/2022 and 01/13/2027

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

Item 18.1:

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

Condition 19: CLCPA Applicability
Effective between the dates of 01/14/2022 and 01/13/2027

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

Item 19.1:

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 20: Compliance Demonstration
Effective between the dates of 01/14/2022 and 01/13/2027

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

Item 20.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.

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The initial report is due 1/30/2022.
 Subsequent reports are due every 12 calendar month(s).

Condition 21: Air pollution prohibited
Effective between the dates of 01/14/2022 and 01/13/2027

Applicable State Requirement:6 NYCRR 211.1

Item 21.1:

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

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

Condition 22: Emission Point Definition By Emission Unit
Effective between the dates of 01/14/2022 and 01/13/2027

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 22.1:

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

Emission Unit: U-EMGEN

Emission Point: P0001
 Height (ft.): 29 Diameter (in.): 16
 NYTMN (km.): 4786.405 NYTME (km.): 194.985

Emission Point: P0002
 Height (ft.): 29 Diameter (in.): 16
 NYTMN (km.): 4786.405 NYTME (km.): 194.985

Emission Point: P0003
 Height (ft.): 29 Diameter (in.): 16
 NYTMN (km.): 4786.405 NYTME (km.): 194.985

Emission Point: P0004
 Height (ft.): 29 Diameter (in.): 16
 NYTMN (km.): 4786.405 NYTME (km.): 194.985

Emission Point: P0005
 Height (ft.): 29 Diameter (in.): 16
 NYTMN (km.): 4786.405 NYTME (km.): 194.985

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Emission Point: P0006
 Height (ft.): 29 Diameter (in.): 18
 NYTMN (km.): 4786.405 NYTME (km.): 194.985

Emission Point: P0007
 Height (ft.): 29 Diameter (in.): 18
 NYTMN (km.): 4786.405 NYTME (km.): 194.985

Emission Point: P0008
 Height (ft.): 29 Diameter (in.): 18
 NYTMN (km.): 4786.405 NYTME (km.): 194.985

Emission Point: P0009
 Height (ft.): 29 Diameter (in.): 18
 NYTMN (km.): 4786.405 NYTME (km.): 194.985

Emission Point: P000H
 Height (ft.): 29 Diameter (in.): 12
 NYTMN (km.): 4786.405 NYTME (km.): 194.985

Emission Point: P000R
 Height (ft.): 29 Diameter (in.): 16
 NYTMN (km.): 4786.405 NYTME (km.): 194.985

Emission Point: P0010
 Height (ft.): 29 Diameter (in.): 18
 NYTMN (km.): 4786.405 NYTME (km.): 194.985

Emission Point: P00R2
 Height (ft.): 29 Diameter (in.): 18
 NYTMN (km.): 4786.405 NYTME (km.): 194.985

Emission Point: PFPMP
 Height (ft.): 9 Diameter (in.): 5
 NYTMN (km.): 4786.405 NYTME (km.): 194.985

Emission Point: PG11A
 Height (ft.): 29 Diameter (in.): 16
 NYTMN (km.): 4786.405 NYTME (km.): 194.985

Emission Point: PG11B
 Height (ft.): 29 Diameter (in.): 16
 NYTMN (km.): 4786.405 NYTME (km.): 194.985

Emission Point: PG12A
 Height (ft.): 29 Diameter (in.): 16
 NYTMN (km.): 4786.405 NYTME (km.): 194.985

Emission Point: PG12B
 Height (ft.): 29 Diameter (in.): 16
 NYTMN (km.): 4786.405 NYTME (km.): 194.985

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- Emission Point: PG131
 Height (ft.): 29 Diameter (in.): 12
 NYTMN (km.): 4786.405 NYTME (km.): 194.985
- Emission Point: PG132
 Height (ft.): 29 Diameter (in.): 12
 NYTMN (km.): 4786.405 NYTME (km.): 194.985
- Emission Point: PG133
 Height (ft.): 29 Diameter (in.): 12
 NYTMN (km.): 4786.405 NYTME (km.): 194.985
- Emission Point: PG134
 Height (ft.): 9 Diameter (in.): 12
 NYTMN (km.): 4786.405 NYTME (km.): 194.985
- Emission Point: PG135
 Height (ft.): 29 Diameter (in.): 12
 NYTMN (km.): 4786.405 NYTME (km.): 194.985
- Emission Point: PG136
 Height (ft.): 29 Diameter (in.): 12
 NYTMN (km.): 4786.405 NYTME (km.): 194.985
- Emission Point: PG137
 Height (ft.): 29 Diameter (in.): 12
 NYTMN (km.): 4786.405 NYTME (km.): 194.985
- Emission Point: PG138
 Height (ft.): 29 Diameter (in.): 12
 NYTMN (km.): 4786.405 NYTME (km.): 194.985
- Emission Point: PG139
 Height (ft.): 29 Diameter (in.): 12
 NYTMN (km.): 4786.405 NYTME (km.): 194.985
- Emission Point: PG141
 Height (ft.): 29 Diameter (in.): 12
 NYTMN (km.): 4786.405 NYTME (km.): 194.985
- Emission Point: PG142
 Height (ft.): 29 Diameter (in.): 12
 NYTMN (km.): 4786.405 NYTME (km.): 194.985
- Emission Point: PG143
 Height (ft.): 29 Diameter (in.): 12
 NYTMN (km.): 4786.405 NYTME (km.): 194.985
- Emission Point: PG144
 Height (ft.): 29 Diameter (in.): 12
 NYTMN (km.): 4786.405 NYTME (km.): 194.985

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- Emission Point: PG145
 Height (ft.): 29 Diameter (in.): 12
 NYTMN (km.): 4786.405 NYTME (km.): 194.985
- Emission Point: PG146
 Height (ft.): 29 Diameter (in.): 12
 NYTMN (km.): 4786.405 NYTME (km.): 194.985
- Emission Point: PG147
 Height (ft.): 29 Diameter (in.): 12
 NYTMN (km.): 4786.405 NYTME (km.): 194.985
- Emission Point: PG148
 Height (ft.): 29 Diameter (in.): 12
 NYTMN (km.): 4786.405 NYTME (km.): 194.985
- Emission Point: PG149
 Height (ft.): 29 Diameter (in.): 29
 NYTMN (km.): 4786.405 NYTME (km.): 194.985
- Emission Point: PGH02
 Height (ft.): 29 Diameter (in.): 16
 NYTMN (km.): 4786.405 NYTME (km.): 194.985
- Emission Point: PGR03
 Height (ft.): 29 Diameter (in.): 3
 NYTMN (km.): 4786.405 NYTME (km.): 194.985
- Emission Point: PGR04
 Height (ft.): 29 Diameter (in.): 16
 NYTMN (km.): 4786.405 NYTME (km.): 194.985
- Emission Point: PPUMP
 Height (ft.): 9 Diameter (in.): 3
 NYTMN (km.): 4786.405 NYTME (km.): 194.985

Condition 23: Process Definition By Emission Unit
Effective between the dates of 01/14/2022 and 01/13/2027

Applicable State Requirement: 6 NYCRR Subpart 201-5

Item 23.1:

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

- Emission Unit: U-EMGEN
- Process: 001 Source Classification Code: 2-02-001-02
- Process Description:
 Process 001 includes the thirteen (13) diesel fired internal combustion engines (ICE) used for emergency back-up electricity generation for the first data center identified as the BF1 facility. The engines include six (6) 2,922 HP Cummins Model 2000DQKAB engines manufactured

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in 2009, six (6) 3,056 HP Detroit Diesel Model MTU RXC6DT2 engines manufactured in 2010, and one (1) 1,220 HP Cummins Model 750DQCB engine manufactured in 2009.

Emission Source/Control: GEN01 - Combustion
Design Capacity: 2,922 horsepower (mechanical)

Emission Source/Control: GEN02 - Combustion
Design Capacity: 2,922 horsepower (mechanical)

Emission Source/Control: GEN03 - Combustion
Design Capacity: 2,922 horsepower (mechanical)

Emission Source/Control: GEN04 - Combustion
Design Capacity: 2,922 horsepower (mechanical)

Emission Source/Control: GEN05 - Combustion
Design Capacity: 2,922 horsepower (mechanical)

Emission Source/Control: GEN06 - Combustion
Design Capacity: 3,056 horsepower (mechanical)

Emission Source/Control: GEN07 - Combustion
Design Capacity: 3,056 horsepower (mechanical)

Emission Source/Control: GEN08 - Combustion
Design Capacity: 3,056 horsepower (mechanical)

Emission Source/Control: GEN09 - Combustion
Design Capacity: 3,056 horsepower (mechanical)

Emission Source/Control: GEN0H - Combustion
Design Capacity: 1,220 horsepower (mechanical)

Emission Source/Control: GEN0R - Combustion
Design Capacity: 2,922 horsepower (mechanical)

Emission Source/Control: GEN10 - Combustion
Design Capacity: 3,056 horsepower (mechanical)

Emission Source/Control: GENR2 - Combustion
Design Capacity: 3,056 horsepower (mechanical)

Item 23.2:

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

Emission Unit: U-EMGEN

Process: 002

Source Classification Code: 2-02-001-02

Process Description:

Process 002 includes twenty-five (25) diesel fired internal combustion engines (ICE) used for emergency back-up electricity generation for the second data center

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identified as the BF2 facility. The engines include four (4) 2,922 HP Cummins Model 2000DQKAB engines manufactured in 2014 or later, three (3) 3,280 HP Cummins Model 2250DQKAF manufactured in 2014 or later, and eighteen (18) 1,220 HP Cummins Model DQCB manufactured in 2014 or later.

Emission Source/Control: GENH2 - Combustion
Design Capacity: 3,280 horsepower (mechanical)

Emission Source/Control: GENR3 - Combustion
Design Capacity: 3,280 horsepower (mechanical)

Emission Source/Control: GENR4 - Combustion
Design Capacity: 3,280 horsepower (mechanical)

Emission Source/Control: GN11A - Combustion
Design Capacity: 2,922 horsepower (mechanical)

Emission Source/Control: GN11B - Combustion
Design Capacity: 2,922 horsepower (mechanical)

Emission Source/Control: GN12A - Combustion
Design Capacity: 2,922 horsepower (mechanical)

Emission Source/Control: GN12B - Combustion
Design Capacity: 2,922 horsepower (mechanical)

Emission Source/Control: GN131 - Combustion
Design Capacity: 1,220 horsepower (mechanical)

Emission Source/Control: GN132 - Combustion
Design Capacity: 1,220 horsepower (mechanical)

Emission Source/Control: GN133 - Combustion
Design Capacity: 1,220 horsepower (mechanical)

Emission Source/Control: GN134 - Combustion
Design Capacity: 1,220 horsepower (mechanical)

Emission Source/Control: GN135 - Combustion
Design Capacity: 1,220 horsepower (mechanical)

Emission Source/Control: GN136 - Combustion
Design Capacity: 1,220 horsepower (mechanical)

Emission Source/Control: GN137 - Combustion
Design Capacity: 1,220 horsepower (mechanical)

Emission Source/Control: GN138 - Combustion
Design Capacity: 1,220 horsepower (mechanical)

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Emission Source/Control: GN139 - Combustion
Design Capacity: 1,220 horsepower (mechanical)

Emission Source/Control: GN141 - Combustion
Design Capacity: 1,220 horsepower (mechanical)

Emission Source/Control: GN142 - Combustion
Design Capacity: 1,220 horsepower (mechanical)

Emission Source/Control: GN143 - Combustion
Design Capacity: 1,220 horsepower (mechanical)

Emission Source/Control: GN144 - Combustion
Design Capacity: 1,220 horsepower (mechanical)

Emission Source/Control: GN145 - Combustion
Design Capacity: 1,220 horsepower (mechanical)

Emission Source/Control: GN146 - Combustion
Design Capacity: 1,220 horsepower (mechanical)

Emission Source/Control: GN147 - Combustion
Design Capacity: 1,220 horsepower (mechanical)

Emission Source/Control: GN148 - Combustion
Design Capacity: 1,220 horsepower (mechanical)

Emission Source/Control: GN149 - Combustion
Design Capacity: 1,220 horsepower (mechanical)

Item 23.3:

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

Emission Unit: U-EMGEN

Process: 003

Source Classification Code: 2-02-001-02

Process Description:

Process, 003, includes two (2) diesel fired internal combustion engines (ICE) used to provide power to pump water for fire suppression or protection. The BF1 facility has (1) 85 HP Clarke Model JU4h-UF22 fire pump engine manufactured in 2009. The BF2 facility has one (1) 118 HP Clark Model JU4H-UFAD5G fire pump manufactured in 2014 or later.

Emission Source/Control: FPMP2 - Combustion
Design Capacity: 118 horsepower (mechanical)

Emission Source/Control: FPUMP - Combustion
Design Capacity: 85 horsepower (mechanical)