

Facility DEC ID: 3552200011

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 3-5522-00011/00026
Mod 0 Effective Date: 11/21/2014 Expiration Date: 11/20/2024
Mod 1 Effective Date: 03/10/2022 Expiration Date: 11/20/2024
Mod 2 Effective Date: 03/28/2023 Expiration Date: 11/20/2024

Permit Issued To: Holtec Indian Point 2 LLC
1 Holtec Blvd
Camden, NJ 08104

Holtec Indian Point 3 LLC
1 Holtec Blvd
Camden, NJ 08104

Facility: INDIAN POINT ENERGY CENTER
450 BROADWAY
BUCHANAN, NY 10511

Contact: DARA GRAY
ENTERGY NUCLEAR - INDIAN POINT 2 LLC
450 BROADWAY
BUCHANAN, NY 10511
(914) 736-8414

Description:

This permit involves the installation of a small transportable 20.9 MMBtu/hr packaged rental boiler firing ultra-low sulfur distillate (ULSD) No. 2 fuel oil. This unit, which is expected to remain on-site for a period of up to three years, will replace the need for two 65 MMBtu/hr boilers currently known as Emission Unit 1-POOOS and will be used for up to 5 months per year to provide space heating and steam for trace heating and freeze protection.

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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: REBECCA S CRIST
21 S PUTT CORNERS RD
NEW PALTZ, NY 12561

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

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Facility Level

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|---|---|---|
| 6 | 5 | Submission of application for permit modification or renewal
REGION 3 SUBOFFICE - White Plains |
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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 1-1: Applications for permit renewals, modifications and transfers**Applicable State Requirement: 6 NYCRR 621.11****Item 1-1.1:**

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 1-1.2:

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

Item 1-1.3

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 1-2: Submission of application for permit modification or renewal
REGION 3

SUBOFFICE - White Plains
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 1-2.1:

NYSDEC Regional Permit Administrator
 Region 3 - Suboffice
 Division of Environmental Permits
 100 Hillside Ave., Suite 1W
 White Plains, NY 10603
 (914) 428-2505

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Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: Holtec Indian Point 2 LLC
1 Holtec Blvd
Camden, NJ 08104

Holtec Indian Point 3 LLC
1 Holtec Blvd
Camden, NJ 08104

Facility: INDIAN POINT ENERGY CENTER
450 BROADWAY
BUCHANAN, NY 10511

Authorized Activity By Standard Industrial Classification Code:
4911 - ELECTRIC SERVICES

Mod 0 Permit Effective Date: 11/21/2014

Permit Expiration Date: 11/20/2024

Mod 1 Permit Effective Date: 03/10/2022

Permit Expiration Date: 11/20/2024

Mod 2 Permit Effective Date: 03/28/2023

Permit Expiration Date: 11/20/2024

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EU=I-P0009,EP=00004,Proc=POR,ES=0000I

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- 14 2-5 40CFR 60.40c, NSPS Subpart Dc: Applicability of
this Subpart to this emission source

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EU=I-P0003,EP=00001

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EU=I-P0009

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NOTE: * preceding the condition number indicates capping.

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FEDERALLY ENFORCEABLE CONDITIONS

Renewal 1/Mod 2/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: Exempt Sources - Proof of Eligibility
Effective between the dates of 11/21/2014 and 11/20/2024

Applicable Federal Requirement:6 NYCRR 201-3.2 (a)**Item 1.1:**

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 2: Trivial Sources - Proof of Eligibility
Effective between the dates of 11/21/2014 and 11/20/2024

Applicable Federal Requirement:6 NYCRR 201-3.3 (a)**Item 2.1:**

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 3: Required Emissions Tests
Effective between the dates of 11/21/2014 and 11/20/2024

Applicable Federal Requirement:6 NYCRR 202-1.1**Item 3.1:**

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.

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Condition 4: Accidental release provisions.
Effective between the dates of 11/21/2014 and 11/20/2024

Applicable Federal Requirement: 40 CFR Part 68

Item 4.1:

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 5: Recycling and Emissions Reduction
Effective between the dates of 11/21/2014 and 11/20/2024

Applicable Federal Requirement: 40 CFR 82, Subpart F

Item 5.1:

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

Condition 6: Exempt Activities - Maintenance of Control Equipment
Effective between the dates of 11/21/2014 and 11/20/2024

Applicable Federal Requirement: 6 NYCRR 201-3.2 (b)

Item 6.1:

The owner or operator of any emission source or activity that is listed as being exempt in 6 NYCRR Part 201-3.2(c), on the basis of the use of appropriate emission controls shall operate and maintain those controls in a manner consistent with manufacturer's specifications and good engineering practices.

Condition 7: Facility Permissible Emissions
Effective between the dates of 11/21/2014 and 11/20/2024

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

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Item 7.1:

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: 0NY210-00-0 (From Mod 2) PTE: 49,000 pounds
per year
Name: OXIDES OF NITROGEN

Condition 8: Capping Monitoring Condition

Effective between the dates of 11/21/2014 and 11/20/2024

Applicable Federal Requirement: 6 NYCRR Subpart 201-7**Item 8.1:**

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 227-2

Item 8.2:

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

Item 8.3:

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 8.4:

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 8.5:

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 8.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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Facility DEC ID: 3552200011

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

Item 8.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

The facility is keeping track of fuel consumption for each emission unit and calculates nitrogen oxide emissions monthly using the published USEPA emission factors of AP-42.

Manufacturer Name/Model Number: various

Parameter Monitored: OXIDES OF NITROGEN

Upper Permit Limit: 24.5 tons per year

Reference Test Method: USEPA AP-42 Emission factors

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 1/30/2015.

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

Condition 21: Visible Emissions Limited

Effective between the dates of 11/21/2014 and 11/20/2024

Applicable Federal Requirement: 6 NYCRR 211.2

Item 21.1:

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 2-1: Compliance Demonstration

Effective between the dates of 03/28/2023 and 11/20/2024

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

Item 2-1.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 2-1.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Owners or operators of emission sources that fire

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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: DISTILLATES - NUMBER 1 AND NUMBER 2 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: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2024.
Subsequent reports are due every 12 calendar month(s).

Condition 2-2: Compliance Demonstration
Effective between the dates of 03/28/2023 and 11/20/2024

Applicable Federal Requirement: 6 NYCRR 225-1.6 (f)

Item 2-2.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 2-2.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator must maintain records of excess emissions. The owner or operator must submit a written report of the fuel sulfur content exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable sulfur-in-fuel limitation, measured emissions exceeding the applicable equivalent emission rate, and the nature and cause of such exceedances if known, for each calendar quarter, within 30 days after the end of any quarterly period in which an exceedance[s] takes place. These records must be kept on site or at a Department approved alternative location for a minimum of five years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

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The initial report is due 4/30/2023.

Subsequent reports are due every 3 calendar month(s).

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

Condition 14: Process Permissible Emissions
Effective between the dates of 11/21/2014 and 11/20/2024

Applicable Federal Requirement: 6 NYCRR Subpart 201-7**Item 14.1:**

The sum of emissions from the regulated process cited shall not exceed the following Potential to Emit (PTE) rates for each regulated contaminant:

Emission Unit: I-P0005 Process: GD1

CAS No: 0NY210-00-0 (From Mod 0)
Name: OXIDES OF NITROGEN
PTE(s): 238 pounds per hour

0.88 pounds per million Btus
5,720 pounds per year

Emission Unit: I-P0005 Process: GD3

CAS No: 0NY210-00-0 (From Mod 0)
Name: OXIDES OF NITROGEN
PTE(s): 111 pounds per hour

0.423 pounds per million Btus
3,097.4 pounds per year

Condition 2-3: Compliance Demonstration
Effective between the dates of 03/28/2023 and 11/20/2024

Applicable Federal Requirement: 6 NYCRR 227-1.4 (a)**Item 2-3.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: I-P0009 Emission Point: 00004

Item 2-3.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No owner or operator of a stationary combustion
installation subject to this Subpart shall operate an
emission source which exhibits greater than 20 percent

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opacity (based on a six minute average), except for one 6 minute period per hour of not more than 27 percent opacity. The owner or operator will conduct a Method 9 test annually. A report of the results of the test will be submitted to the Department within 30 days of the completion of the Method 9 test. All records generated by the permittee must be maintained at the facility or at an alternative location approved by the Department for a minimum of five years.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: 40 CFR 60, Appendix A, Method 9
Monitoring Frequency: ANNUALLY
Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2024.
Subsequent reports are due every 12 calendar month(s).

Condition 2-4: Compliance Demonstration
Effective between the dates of 03/28/2023 and 11/20/2024

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

Item 2-4.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: I-P0009	Emission Point: 00004
Process: POR	Emission Source: 0000I

Regulated Contaminant(s):
CAS No: 00Y075-00-0 PARTICULATES

Item 2-4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of a stationary combustion installation shall submit a compliance test protocol to the Department for approval at least 30 days prior to conducting compliance testing of the 0.1 lb/mmBtu particulate matter standard. The owner or operator shall submit the results to the Department for approval within 60 days of the conclusion of compliance testing. Testing shall be conducted once every ten years. All records associated with the testing shall be maintained on site or at a Department approved alternative location for a minimum of ten years.

Parameter Monitored: PARTICULATES

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Upper Permit Limit: 0.1 pounds per million Btus
Reference Test Method: 40 CFR 60, Appendix A, Method 5
Monitoring Frequency: ONCE EVERY TEN YEARS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2024.
Subsequent reports are due every 12 calendar month(s).

Condition 2-5: Applicability of this Subpart to this emission source
Effective between the dates of 03/28/2023 and 11/20/2024

Applicable Federal Requirement: 40 CFR 60.40c, NSPS Subpart Dc

Item 2-5.1:

This Condition applies to Emission Unit: I-P0009 Emission Point: 00004
Process: POR Emission Source: 0000I

Item 2-5.2:

This emission source is subject to the applicable General Provisions of 40 CFR 60 Subpart Dc.
The facility owner is responsible for reviewing these general provisions in detail and complying with all applicable technical, administrative and reporting requirements.

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Facility DEC ID: 3552200011

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 11/21/2014 and 11/20/2024

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: 0NY075-00-0
Name: PARTICULATES

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

Condition 16: Malfunctions and start-up/shutdown activities

Effective between the dates of 11/21/2014 and 11/20/2024

Permit ID: 3-5522-00011/00026

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

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

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

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

Condition 1-7: Malfunctions and Start-up/Shutdown Activities
Effective between the dates of 03/10/2022 and 11/20/2024

Applicable State Requirement:6 NYCRR 201-1.4**Item 1-7.1:**

(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

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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: Notification of malfunction
Effective between the dates of 11/21/2014 and 11/20/2024

Applicable State Requirement: 6 NYCRR 201-1.4 (c)

Item 17.1:

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

Condition 18: Emission Unit Definition
Effective between the dates of 11/21/2014 and 11/20/2024

Permit ID: 3-5522-00011/00026

Facility DEC ID: 3552200011

Applicable State Requirement:6 NYCRR Subpart 201-5**Item 18.1(From Mod 2):**

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

Emission Unit: I-P0009

Emission Unit Description:

One transportable Cleaver Brooks Model 200-500 rental boiler rated at 20.9 MMBtu/hr with a maximum firing rate of 149.5 gal/hr ultra-low sulfur distillate (ULSD) No. 2 fuel oil. This unit is a self-contained packaged unit that includes its own enclosure and exhaust stack.

Building(s): PORTBLR

Item 18.2(From Mod 0):

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

Emission Unit: A-00001

Emission Unit Description:

This unit comprises one boiler, rated at 163 mmbtu/hr, which burns No. 2 oil. It is located at the House Service Boiler Building (formerly known as Indian Point 3). Its combustion emission are vented via Emission Point 00001.

Building(s): HSBB

Item 18.3(From Mod 0):

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

Emission Unit: I-P0003

Emission Unit Description:

Two boilers rated at 65 mmbtu/hour, each, burning distillate oil and located at the IP 1&2 site.

Building(s): BOILERS

Item 18.4(From Mod 0):

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

Emission Unit: I-P0005

Emission Unit Description:

Two combustion turbines (located at the IP1&2 site) which generate electricity on an emergency basis. The turbines are rated at 260 mmbtu/hr, and 239 mmbtu/hr. The turbines are operated on No.2 oil.

In addition to the turbines, two diesel emergency generators (exempt sources) and two black start emergency generators (also exempt sources) are associated with the operation of the two turbines.

The generators provide start up power to each one of the turbines while the two black start generators provide emergency power to controllers that serve the turbines.

A third turbine (345 mmbtu/hr) and its associated diesel

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emergency generator currently decommissioned used to
operate at the site.

Building(s): GTFAC

Condition 19: Renewal deadlines for state facility permits
Effective between the dates of 11/21/2014 and 11/20/2024

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

Item 19.1:

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 2-6: Compliance Demonstration
Effective between the dates of 03/28/2023 and 11/20/2024

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

Item 2-6.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 2-6.2:

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 3
21 South Putt Corners Rd.
New Paltz, NY 12561

Reporting Requirements: ANNUALLY (ANNIVERSARY)

Initial Report Due: 12/20/2023 for the period 03/28/2023 through 11/20/2023

Condition 20: Compliance Demonstration
Effective between the dates of 11/21/2014 and 11/20/2024

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:

Permit ID: 3-5522-00011/00026

Facility DEC ID: 3552200011

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 3
21 South Putt Corners Rd.
New Paltz, NY 12561

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 9: Air pollution prohibited
Effective between the dates of 11/21/2014 and 11/20/2024

Applicable State Requirement:6 NYCRR 211.1

Item 9.1:

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

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

Condition 22: Emission Point Definition By Emission Unit
Effective between the dates of 11/21/2014 and 11/20/2024

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 22.1(From Mod 2):

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

Emission Unit: I-P0009

Emission Point: 00004

Height (ft.): 24

Diameter (in.): 24

NYTMN (km.): 4569.228

NYTME (km.): 587.725

Building: PORTBLR

Item 22.2(From Mod 0):

Permit ID: 3-5522-00011/00026

Facility DEC ID: 3552200011

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

Emission Unit: A-00001

Emission Point: 00002

Height (ft.): 140

Diameter (in.): 30

NYTMN (km.): 4569.228 NYTME (km.): 587.725 Building: HSBB

Item 22.3(From Mod 0):

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

Emission Unit: I-P0003

Emission Point: 00001

Height (ft.): 167

Diameter (in.): 330

NYTMN (km.): 4569.2 NYTME (km.): 588. Building: BOILERS

Item 22.4(From Mod 0):

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

Emission Unit: I-P0005

Emission Point: 00021

Height (ft.): 30

Length (in.): 120

Width (in.): 108

NYTMN (km.): 4569.2 NYTME (km.): 588. Building: GTFAC

Emission Point: 00023

Height (ft.): 42

Length (in.): 144

Width (in.): 144

NYTMN (km.): 4569.2 NYTME (km.): 588. Building: GTFAC

Condition 23: Process Definition By Emission Unit

Effective between the dates of 11/21/2014 and 11/20/2024

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 23.1(From Mod 2):

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

Emission Unit: I-P0009

Process: POR

Source Classification Code: 1-02-005-01

Process Description:

This process includes one transportable Cleaver Brooks Model 200-500 rental boiler rated at 20.9 mmBtu/hr with a maximum firing rate of 149.5 gal/hr ultra-low sulfur distillate (ULSD) No. 2 fuel oil.

Emission Source/Control: 0000I - Combustion

Design Capacity: 20.9 million Btu per hour

Item 23.2(From Mod 0):

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

Permit ID: 3-5522-00011/00026

Facility DEC ID: 3552200011

Emission Unit: A-00001

Process: OIL

Source Classification Code: 1-01-005-01

Process Description: Boiler burnign No. 2 Oil.

Emission Source/Control: 00HSB - Combustion

Design Capacity: 163 million Btu per hour

Item 23.3(From Mod 0):

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

Emission Unit: I-P0003

Process: DOL

Source Classification Code: 1-01-005-01

Process Description:

THIS PROCESS INCLUDES TWO MEDIUM SIZE
BOILERS RATED AT 65 MMBTU/HR EACH. THE
BOILERS COMBUST DISTILLATE FUEL. THE TWO
BOILERS VENT TO A SINGLE STACK.

Emission Source/Control: 0000F - Combustion

Design Capacity: 65 million Btu per hour

Emission Source/Control: 0000G - Combustion

Design Capacity: 65 million Btu per hour

Item 23.4(From Mod 0):

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

Emission Unit: I-P0005

Process: GD1

Source Classification Code: 2-02-001-09

Process Description:

THIS PROCESS INCLUDES COMBUSTION TURBINE
GT001 WHICH GENERATES ELECTRICITY. THE
COMBUSTION TURBINE IS RATED AT 260
MMBTU/HR. AND COMBUSTS DISTILLATE FUEL. THE
GT IS EQUIPPED WITH A DIESEL STARTER ENGINE
AND AN EMERGENCY BLACK START ENGINE.

Emission Source/Control: GT001 - Combustion

Design Capacity: 260 million Btu per hour

Item 23.5(From Mod 0):

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

Emission Unit: I-P0005

Process: GD3

Source Classification Code: 2-02-001-09

Process Description:

THIS PROCESS INCLUDES COMBUSTION TURBINE
GT003 WHICH GENERATES ELECTRICITY. THE
COMBUSTION TURBINE IS RATED AT 239
MMBTU/HR. AND COMBUSTS DISTILLATE FUEL. THE
GT IS EQUIPPED WITH A DIESEL STARTER ENGINE
AND AN EMERGENCY BLACK START ENGINE.

Permit ID: 3-5522-00011/00026

Facility DEC ID: 3552200011

Emission Source/Control: GT003 - Combustion
Design Capacity: 239 million Btu per hour

Condition 24: General Provisions**Effective between the dates of 11/21/2014 and 11/20/2024****Applicable State Requirement: 6 NYCRR Subpart 201-5****Item 24.1:**

This Condition applies to Emission Unit: I-P0003 Emission Point: 00001

Item 24.2:

This section of the permit contains terms and conditions that are not federally enforceable and are not required under the Act or under any of its applicable requirements. Terms and conditions so designated are not subject to the requirements of Section 201-6.4 of Part 201.

Item 24.3:

Any person who owns and/or operates emission sources subject to this permit shall operate and maintain all emission sources and required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate 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 control devices may be sufficient reason for the Department to revoke or deny a permit.

Item 24.4:

The owner or operator of the emission sources subject to this permit 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 during normal operating hours, for the purpose of determining compliance with this and any other state or federal air pollution control requirements, regulations or law.

Condition 2-7: Compliance Demonstration**Effective between the dates of 03/28/2023 and 11/20/2024****Applicable State Requirement: 6 NYCRR Subpart 201-5****Item 2-7.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: I-P0009

Regulated Contaminant(s):

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

Item 2-7.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL

Permit ID: 3-5522-00011/00026

Facility DEC ID: 3552200011

DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

The facility indicated that it would operate this unit not more than 155 days (3,720 hr) per year, and will meet the definition of temporary - seasonal boiler, thus it is exempted with regards to 40 CFR 63.6J.

The federal rule 40 CFR 63.6J defines “Seasonal boiler” to mean a boiler that undergoes a shutdown for a period of at least 7 consecutive months (or 210 consecutive days) each 12-month period due to seasonal conditions, except for periodic testing. Periodic testing shall not exceed a combined total of 15 days during the 7-month shutdown. This definition only applies to boilers that would otherwise be included in the biomass subcategory or the oil subcategory.

The facility shall record and notify NYSDEC of the beginning of the seasonal operation and the end, and shall attach these records to the certification report submittal.

Parameter Monitored: DURATION

Upper Permit Limit: 3,720 hours per year

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

Permit ID: 3-5522-00011/00026

Facility DEC ID: 3552200011