

Facility DEC ID: 8442400001

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 8-4424-00001/00030
Effective Date: 08/15/2023 Expiration Date: 08/14/2033

Permit Issued To: CARGILL INCORPORATED
15407 MCGINTY RD W
WAYZATA, MN 55391-2399

Contact: Matthew Behm
9320 Excelsior Blvd, MS#21
Hopkins, Mn 55343
(319) 573-8203

Facility: CARGILL SALT CO- WATKINS GLEN PLANT
518 E 4TH ST
WATKINS GLEN, NY 14891

Contact: ERIC HALLMAN, SR
CARGILL SALT
518 E 4TH ST
WATKINS GLEN, NY 14891
(607) 535-6373

Description:

Cargill Salt Co - Watkins Glen applied to NYSDEC for an Air State Facility permit renewal (Ren 1/Mod 0). Emission Unit U-00015 was removed from the permit as operation of the unit ceased in 2002. Other changes include minor miscellaneous changes to conditions to improve clarity, readability, and use.

The facility utilizes solution mining to extract salt from underground. This brine is then evaporated through five wet processing evaporators and conveyed through a dryer and cooler to a dry processing facility. The dry processing is split into several departments, creating multiple salt cuts and products. The facility creates process heat through a 181 MMBTU/hr natural gas boiler.

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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: KIMBERLY A MERCHANT
 6274 E AVON LIMA RD
 AVON, NY 14414-9519

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 ******
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 8 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 8 Headquarters
Division of Environmental Permits
6274 Avon-Lima Road
Avon, NY 14414-9519
(585) 226-2466

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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: CARGILL INCORPORATED
15407 MCGINTY RD W
WAYZATA, MN 55391-2399

Facility: CARGILL SALT CO- WATKINS GLEN PLANT
518 E 4TH ST
WATKINS GLEN, NY 14891

Authorized Activity By Standard Industrial Classification Code:
2899 - CHEMICAL PREPARATIONS, NEC
1499 - NONMETALLIC MINERALS, NEC

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- 24 31 6 NYCRR 212-2.1 (b): Compliance Demonstration
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28 36 6 NYCRR 212-2.4 (b): Compliance Demonstration

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30 39 6 NYCRR 212-2.3 (a): Compliance Demonstration

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32 42 6 NYCRR 212-2.4 (b): Compliance Demonstration

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33 44 40CFR 60.676, NSPS Subpart OOO: Compliance Demonstration

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34 45 40CFR 60.44b, NSPS Subpart Db: Compliance Demonstration

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37 48 40CFR 60.48b(f), NSPS Subpart Db: Use of alternative methods for measuring NOx during CEMS downtime

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40 52 40CFR 60.49b(h), NSPS Subpart Db: Compliance Demonstration

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46 59 6 NYCRR 201-5.3 (c): CLCPA Applicability

46 60 6 NYCRR 201-5.3 (c): Compliance Demonstration

47 61 6 NYCRR 211.1: Air pollution prohibited

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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: Visible Emissions Limited
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement:6 NYCRR 211.2

Item 1.1:

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: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 2.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 2.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

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

The facility owner or operator shall conduct a visible emissions observation of all emission points specified by

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this condition once per day while the process is in operation. The facility owner or operator will investigate, in a timely manner, any instance where there is cause to believe that visible emissions have the potential to exceed the opacity standard specified below.

The facility owner or operator shall investigate the cause, make any necessary corrections, and verify that the excess visible emissions problem has been corrected. If visible emissions with the potential to exceed the limit specified (except the emission of uncombined water) are observed for three consecutive operating days from the same emission point, the facility owner or operator will notify the Department of the observations within one business day. The facility owner or operator will also perform an EPA Reference Test Method 9 opacity evaluation analysis of the affected emission point and submit the results to the Department.

Daily records of the visible emissions observations, any follow-up Method 9 observations, investigations, and corrective actions taken are to be maintained on site for a period of at least five years from the date of the record. Such records shall include the date and time of each observation, weather conditions, results of the observation, corrective actions taken, and explanations for days when weather conditions were prohibitive.

All records kept pursuant to this condition must be provided to the Department upon request.

Parameter Monitored: OPACITY
 Upper Permit Limit: 20 percent
 Reference Test Method: EPA Reference Test Method 9
 Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
 Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
 Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 3: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 3.1:
 The Compliance Demonstration activity will be performed for the facility:
 The Compliance Demonstration applies to:

Emission Unit: U-00009

Emission Unit: U-00016

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USEPA Region 2
290 Broadway, 21st Floor
New York, NY 10007-1886

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

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

Condition 5: Modification Notification
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 5.1:

Any owner or operator subject to 40 CFR Part 60 shall furnish the Administrator and this office with the following information:

- a notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless the change is specifically exempted under 40 CFR Part 60. The notice shall be post marked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productivity capability of the facility before and after the change, and the expected completion date of the change. The Administrator and/or this Department may request additional information regarding the change.

Condition 6: Recordkeeping requirements.
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 6.1:

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

Condition 7: Facility files for subject sources.
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 7.1:

The following files shall be maintained at the facility for all affected sources: all measurements, including continuous monitoring systems, monitoring device, and performance testing

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

Condition 8: Notification Similar to State or Local Agency
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 8.1:

If notification substantially similar to that in 40 CFR Part 60.7(a) is required by any other State or local agency, sending the Administrator a copy of that notification will satisfy the requirements of 40 CFR Part 60.7(a).

Condition 9: Performance testing timeline.
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 9.1:

Within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup of the facility, the owner or operator of the facility shall conduct performance testing and provide the results of such tests, in a written report, to the Administrator.

Condition 10: Performance test methods.
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 10.1:

Performance testing shall be conducted in accordance with the methods and procedures prescribed in 40 CFR 60 or by alternative methods and procedures approved by the Administrator.

Condition 11: Required performance test information.
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 11.1:

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

Condition 12: Prior notice.
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 12.1:

The owner or operator shall provide the Administrator with prior notice of any performance test

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at least 30 days in advance of testing.

Condition 13: Performance testing facilities.
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 13.1:

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

- 1) sampling ports adequate for tests methods applicable to such facility;
- 2) a safe sampling platform;
- 3) a safe access to the sampling platform; and
- 4) utilities for sampling and testing equipment.

Condition 14: Number of required tests.
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 14.1:

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

Condition 15: Availability of information.
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement:40CFR 60.9, NSPS Subpart A

Item 15.1:

The availability to the public of information provided to, or otherwise obtained by, the Administrator under this part shall be governed by 40 CFR Part 2.

Condition 16: Opacity standard compliance testing.
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement:40CFR 60.11, NSPS Subpart A

Item 16.1:

The following conditions shall be used to determine compliance with the opacity standards:

- 1) observations shall be conducted in accordance with Reference Method 9, in Appendix A of 40 CFR Part 60(or an equivalent method approved by the Administrator including continuous opacity monitors);
- 2) the opacity standards apply at all times except during periods of start up, shutdown, and malfunction; and

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3) all other applicable conditions cited in section 60.11 of this part.

Condition 17: Circumvention.
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement:40CFR 60.12, NSPS Subpart A

Item 17.1:

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

Condition 18: Monitoring requirements.
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement:40CFR 60.13, NSPS Subpart A

Item 18.1:

All continuous monitoring systems and devices shall be installed, calibrated, maintained, and operated in accordance with the requirements of section 60.13.

Condition 19: Modifications.
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement:40CFR 60.14, NSPS Subpart A

Item 19.1:

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

Condition 20: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement:40CFR 60.49b(i), NSPS Subpart Db

Item 20.1:

The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: U-BLR01 Emission Point: 00020
Process: NG4

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

Item 20.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Monitoring Description:

The owner or operator of any affected facility subject to the continuous monitoring requirements for nitrogen oxides under §60.48b shall submit reports containing the information recorded under 40CFR60.49b(g). All reports shall be postmarked by the 30th day following the end of each semiannual period.

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 21: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement:40CFR 60.672(a), NSPS Subpart OOO

Item 21.1:

The Compliance Demonstration activity will be performed for the facility:
 The Compliance Demonstration applies to:

Emission Unit: U-00016

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

Item 21.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Emissions from dry particulate control devices associated with sources subject to the requirements of Table 2 of Subpart OOO of 40 CFR Part 60 that commenced construction, modification or reconstruction after August 31, 1983 but before April 22, 2008 shall be limited to 7 percent opacity. Method 9 of Appendix A-4 to 40 CFR Part 60 and the procedures of 40 CFR 60.11 shall be used to determine opacity.

The facility owner or operator shall conduct a visible emissions observation of all emission points applicable to this condition once per day while the process is in operation. In any instance where observation indicates that the opacity limit may have been exceeded, the operator shall identify the cause and correct the issue in a timely manner.

Where visible emissions persist after corrective actions have been attempted, the operator shall conduct a Method 9 observation of the emission point(s) and notify DEC if the opacity standard is not met. The Method 9 assessment should be conducted within 24 hours of the original

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

observation of visible emissions.

Daily records of the visible emissions observations and any Method 9 observations, investigations, and corrective actions are to be maintained on site for a period of at least 5 years from the date of the record. Such records shall include the date and time of each observation, weather conditions, results of the observation, corrective actions taken, and explanations for days when weather conditions were prohibitive.

Parameter Monitored: OPACITY

Upper Permit Limit: 7 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 22: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement:40CFR 60.672(a), NSPS Subpart OOO

Item 22.1:

The Compliance Demonstration activity will be performed for the facility:
 The Compliance Demonstration applies to:

Emission Unit: U-00019

Emission Unit: U-00021

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

Item 22.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions of particulate matter from sources subject to the requirements of Table 2 to Subpart OOO of 40 CFR Part 60 that commenced construction, modification or reconstruction after April 22, 2008 that are equipped with a capture system and control device must be limited to 0.014 grains per dry standard cubic foot.

Testing in compliance with this condition must be conducted pursuant to a stack testing protocol approved by DEC. The facility operator shall submit this protocol to DEC at least 30 days in advance of the test. A report including the results of the test and all control

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

efficiency calculations shall be submitted to DEC no later than 60 days after the test is completed. The facility must keep the test report onsite until a new test is conducted pursuant to this condition.

Parameter Monitored: PARTICULATES
 Upper Permit Limit: 0.014 grains per dscf
 Reference Test Method: As specified in 40 CFR 60.675(b)
 Averaging Method: Arithmetic average of stack test runs
 Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 23: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement: 40CFR 60.672(e), NSPS Subpart OOO

Item 23.1:

The Compliance Demonstration activity will be performed for the facility:
 The Compliance Demonstration applies to:

Emission Unit: U-00016

Emission Unit: U-00019

Emission Unit: U-00021

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

Item 23.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Buildings enclosing sources for which the facility operator has elected to meet the requirements of 40 CFR 60.672(e) in lieu of the requirements of 40 CFR 60.672(b) shall comply with the following:

Fugitive emissions from the building openings shall be limited to 7 percent opacity. In determining compliance with this opacity limit, Method 9 of Appendix A-4 to 40 CFR Part 60 and the procedures of 40 CFR 60.11 shall be used to determine opacity, with the additions specified in 40 CFR 63.675(c). The duration of the Method 9 observations must be 30 minutes (five 6-minute averages). Compliance must be based on the average of the five 6-minute averages.

The facility owner or operator shall conduct a visible emissions observation of all sources applicable to this

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

condition once per day while the process is in operation. In any instance where observation indicates that the opacity limit may have been exceeded, the operator shall identify the cause and correct the issue in a timely manner.

Where visible emissions persist after corrective actions have been attempted, the operator shall conduct a Method 9 observation of the source and notify DEC if the opacity standard is not met. The Method 9 assessment should be conducted within 24 hours of the original observation of visible emissions.

Daily records of the visible emissions observations and any Method 9 observations, investigations, and corrective actions are to be maintained on site for a period of at least 5 years from the date of the record. Such records shall include the date and time of each observation, weather conditions, results of the observation, corrective actions taken, and explanations for days when weather conditions were prohibitive.

Parameter Monitored: OPACITY

Upper Permit Limit: 7 percent

Reference Test Method: EPA Method 9 per 40 CFR 63.675(c)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 24: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement: 40CFR 60.672(e), NSPS Subpart OOO

Item 24.1:

The Compliance Demonstration activity will be performed for the facility:
 The Compliance Demonstration applies to:

Emission Unit: U-00016

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

Item 24.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Buildings enclosing sources for which the facility operator has elected to meet the requirements of 40 CFR

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

60.672(e) in lieu of the requirements of 40 CFR 60.672(b) shall comply with the following:

Emissions of particulate matter from building vents for which any of the enclosed sources commenced construction, modification or reconstruction after August 31, 1983 but before April 22, 2008 shall be limited to 0.022 grains per dry standard cubic foot.

Testing in compliance with this condition must be conducted pursuant to a stack testing protocol approved by DEC. The facility operator shall submit this protocol to DEC at least 30 days in advance of the test. A report including the results of the test and all control efficiency calculations shall be submitted to DEC no later than 60 days after the test is completed. The facility must keep the test report onsite until a new test is conducted pursuant to this condition.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.022 grains per dscf

Reference Test Method: As specified in 40 CFR 60.675(b)(1)

Averaging Method: Arithmetic average of stack test runs

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 25: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement: 40CFR 60.672(e), NSPS Subpart OOO

Item 25.1:

The Compliance Demonstration activity will be performed for the facility:
 The Compliance Demonstration applies to:

Emission Unit: U-00019

Emission Unit: U-00021

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

Item 25.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Buildings enclosing sources for which the facility operator has elected to meet the requirements of 40 CFR 60.672(e) in lieu of the requirements of 40 CFR 60.672(b) shall comply with the following:

Emissions of particulate matter from building vents for

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

which any of the enclosed sources commenced construction, modification or reconstruction after April 22, 2008 shall be limited to 0.014 grains per dry standard cubic foot.

Testing in compliance with this condition must be conducted pursuant to a stack testing protocol approved by DEC. The facility operator shall submit this protocol to DEC at least 30 days in advance of the test. A report including the results of the test and all control efficiency calculations shall be submitted to DEC no later than 60 days after the test is completed. The facility must keep the test report onsite until a new test is conducted pursuant to this condition.

Parameter Monitored: PARTICULATES

Upper Permit Limit: 0.014 grains per dscf

Reference Test Method: As specified in 40 CFR 60.675(b)

Averaging Method: Arithmetic average of stack test runs

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 26: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement: 40CFR 60.672(f), NSPS Subpart OOO

Item 26.1:

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-00019

Emission Unit: U-00021

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 26.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Emissions from any baghouse that controls emissions from only an individual, enclosed storage bin associated with sources subject to the requirements of Table 2 to Subpart OOO of 40 CFR Part 60 shall be limited to 7 percent opacity. Method 9 of Appendix A-4 to 40 CFR Part 60 and the procedures of 40 CFR 60.11 shall be used to determine opacity.

The duration of the Method 9 observations shall be 1 hour

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Facility DEC ID: 8442400001

(ten 6-minute averages). The duration of the Method 9 observations may be reduced to the duration the affected facility operates (but not less than 30 minutes) for baghouses that control storage bins or enclosed truck or railcar loading stations that operate for less than 1 hour at a time.

The facility owner or operator shall conduct a visible emissions observation of all emission points applicable to this condition once per day while the process is in operation. In any instance where observation indicates that the opacity limit may have been exceeded, the operator shall identify the cause and correct the issue in a timely manner.

Where visible emissions persist after corrective actions have been attempted, the operator shall conduct a Method 9 observation of the emission point(s) and notify DEC if the opacity standard is not met. The Method 9 assessment should be conducted within 24 hours of the original observation of visible emissions.

Daily records of the visible emissions observations and any Method 9 observations, investigations, and corrective actions are to be maintained on site for a period of at least 5 years from the date of the record. Such records shall include the date and time of each observation, weather conditions, results of the observation, corrective actions taken, and explanations for days when weather conditions were prohibitive.

Parameter Monitored: OPACITY

Upper Permit Limit: 7 percent

Reference Test Method: EPA Method 9 per 40 CFR 60.675(c)(2)

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 27: Reporting and Recordkeeping for Replacement of Equipment Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement: 40CFR 60.676(a), NSPS Subpart OOO

Item 27.1:

Each owner or operator seeking to comply with 40 CFR Part 60.670(d) shall submit to the Administrator the following information about the existing facility being replaced and the replacement piece of equipment.

(1) For a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station:

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Facility DEC ID: 8442400001

- (i) The rated capacity in megagrams or tons per hour of the existing facility being replaced and
- (ii) The rated capacity in tons per hour of the replacement equipment.
- (2) For a screening operation:
 - (i) The total surface area of the top screen of the existing screening operation being replaced and
 - (ii) The total surface area of the top screen of the replacement screening operation.
- (3) For a conveyor belt:
 - (i) The width of the existing belt being replaced and
 - (ii) The width of the replacement conveyor belt.
- (4) For a storage bin:
 - (i) The rated capacity in megagrams or tons of the existing storage bin being replaced and
 - (ii) The rated capacity in megagrams or tons of replacement storage bins.

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

Condition 28: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 28.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00007

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 28.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Monitoring shall consist of continuously monitoring wet scrubber water flow rate to indicate control of particulate emissions. Scrubber flowrate must not fall below 15 gallons per minute. This limit is an indicator to initiate diagnosis and repair.

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Records shall be maintained at the facility for a period of at least 5 years and must be made available to the Department upon request.

Parameter Monitored: FLOW RATE
 Lower Permit Limit: 15 gallons per minute
 Reference Test Method: 40 CFR 60 Appendix A Method 5
 Monitoring Frequency: CONTINUOUS
 Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
 Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 29: Compliance Demonstration
 Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 29.1:
 The Compliance Demonstration activity will be performed for:

Emission Unit: U-00007

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

Item 29.2:
 Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Monitoring shall consist of continuously monitoring wet scrubber air pressure drop to indicate control of particulate emissions. The 1-hour average pressure must remain above 1 inch of water. This limit is an indicator to initiate diagnosis and repair.

Records shall be maintained at the facility for a period of at least 5 years and must be made available to the Department upon request.

Parameter Monitored: PRESSURE DROP
 Lower Permit Limit: 1 inches of water
 Reference Test Method: 40 CFR 60 Appendix A Method 5
 Monitoring Frequency: CONTINUOUS
 Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
 Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 30: Compliance Demonstration
 Effective between the dates of 08/15/2023 and 08/14/2033

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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

Item 30.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00007 Emission Point: 00007

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

Item 30.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Emissions from any process emission source for which an application was received by the department prior to July 1, 1973 are restricted as follows:

No facility owner or operator shall cause or allow emissions of particulate that exceed 0.15 grains per cubic foot of exhaust gas, expressed at standard conditions on a dry gas basis, except in instances where the determination of the permissible emission rate using process weight for a specific source category emitting solid particulate is based upon Table 5 and Table 6 of Subdivisions 212-2.5 (a) and (b) of this Part.

Parameter Monitored: PM-10

Upper Permit Limit: 0.15 grains per dscf

Reference Test Method: Method 5

Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 31: Compliance Demonstration

Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 31.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00008

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

Item 31.2:

Compliance Demonstration shall include the following monitoring:

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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

Monitoring Description:

Monitoring shall consist of continuously monitoring wet scrubber water flow rate to indicate control of particulate emissions for a process with a material weight throughput of greater than 100000 lb/hr. Stated minimum flow rate of 75 gallons per minute is used as indicators of abnormal operation and to initiate diagnosis and repair.

Records shall be maintained at the facility for a period of at least 5 years and must be made available to the Department upon request.

Parameter Monitored: FLOW RATE

Lower Permit Limit: 75 gallons per minute

Reference Test Method: 40 CFR 60 Appendix A Method 5

Monitoring Frequency: CONTINUOUS

Averaging Method: 1-HOUR AVERAGE

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 32: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 32.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00008

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 32.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Monitoring shall consist of continuously monitoring wet scrubber air pressure drop to indicate control of particulate emissions for a process with a material weight throughput of greater than 100000 lb/hr. The stated minimum pressure drop of 3 inches of water is used as an indicator of abnormal operation and to initiate diagnosis and repair.

Records shall be maintained at the facility for a period of at least 5 years and must be made available to the

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Department upon request.

Parameter Monitored: PRESSURE DROP
Lower Permit Limit: 3 inches of water
Reference Test Method: 40 CFR 60 Appendix A Method 5
Monitoring Frequency: CONTINUOUS
Averaging Method: 1-HOUR AVERAGE
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 33: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 33.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00008

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

Item 33.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

Particulate emission limit for a process with a material weight throughput of greater than 100000 lb/hr. Testing as per USEPA Method 5 to be performed at request of Department.

Upper Permit Limit: 0.03 grains per standard cubic foot
Reference Test Method: 40 CFR 60 Appendix A Method 5
Monitoring Frequency: UPON REQUEST OF REGULATORY AGENCY
Averaging Method: Arithmetic average of stack test runs
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 34: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 34.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00009 Emission Point: 00009

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

Item 34.2:

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Baghouse differential pressure will be monitored daily as an indicator of normal operation. Differential pressure readings below the minimum of 1 inch of water will initiate diagnosis and repair as required.

Records shall be maintained at the facility for a period of at least 5 years and must be made available to the Department upon request.

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 1 inches of water

Reference Test Method: 40 CFR 60 Appendix A method 5

Monitoring Frequency: DAILY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 35: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 35.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00016 Emission Point: 00016

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

Item 35.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

To ensure proper operation of the wet scrubber, the scrubber must be monitored daily for a pressure drop within the range of 3.6 to 6.6 inches of water. The monitoring range specified in this condition is based on the average pressure drop of 5.1 inches of water measured in the most recent stack test conducted on 1/24/02.

Records shall be maintained at the facility for a period of at least 5 years and must be made available to the Department upon request.

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Parameter Monitored: PRESSURE DROP
Lower Permit Limit: 3.6 inches of water
Upper Permit Limit: 6.6 inches of water
Monitoring Frequency: DAILY
Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 36: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 36.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00016 Emission Point: 00016

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

Item 36.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

To ensure appropriate operation of the wet scrubber, the scrubber flow rate must be monitored daily and maintain a flow rate of at least 130 gpm.

Records shall be maintained at the facility for a period of at least 5 years and must be made available to the Department upon request.

Parameter Monitored: FLOW RATE
Lower Permit Limit: 130 gallons per minute
Monitoring Frequency: DAILY
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 37: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement:40CFR 60.676(d), NSPS Subpart OOO

Item 37.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00019 Emission Point: 00019

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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

Item 37.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Scrubber liquid flow shall be monitored and reported as required in §60.674 - §60.676. The monitoring minimum flowrate of 29 gallons per minute specified in this condition is based on the average flow of 41 gallons per minute measured in the most recent stack test conducted on 04/04/12.

Records shall be maintained at the facility for a period of at least 5 years and must be made available to the Department upon request.

Parameter Monitored: FLOW RATE
Lower Permit Limit: 29 gallons per minute
Monitoring Frequency: DAILY
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED
VALUE AT ANY TIME
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 38: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement:40CFR 60.676(d), NSPS Subpart 000

Item 38.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00019 Emission Point: 00019

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

Item 38.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Air flow pressure drop across the wet scrubber shall be monitored and reported as required in §60.674 - §60.676. The pressure drop monitoring range of 1.75 to 3.25 inches of water specified in this condition is based on the average pressure drop of 2.5 inches of water measured in

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

the most recent stack test conducted on
04/04/12.

Records shall be maintained at the facility for a period
of at least 5 years and must be made available to the
Department upon request.

Parameter Monitored: PRESSURE DROP
Lower Permit Limit: 1.75 inches of water
Upper Permit Limit: 3.25 inches of water
Monitoring Frequency: DAILY
Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED
RANGE AT ANY TIME
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 39: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement: 6 NYCRR 212-2.3 (a)

Item 39.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00021

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

Item 39.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Wet scrubber pressure drop will be monitored daily to
demonstrate compliance with particulate emission limits. A
pressure drop of less than 2 inches of water is an
indication for diagnosis and repair. The emission unit
shall not run unless the scrubber pressure drop is greater
than 2 inches of water.

Records shall be maintained at the facility for a period
of at least 5 years and must be made available to the
Department upon request.

Parameter Monitored: PRESSURE DROP
Lower Permit Limit: 2 inches of water
Monitoring Frequency: DAILY
Averaging Method: MINIMUM-NOT TO FALL BELOW EXCEPT
DURING STARTUP/SHUTDOWN
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Condition 40: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement:6 NYCRR 212-2.3 (a)

Item 40.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00021

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

Item 40.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Wet scrubber flow rate will be monitored to demonstrate compliance with particulate emission limits. The flow rate must be recorded daily. A flow rate of less than 76 gallons per minute is an indicator to initiate diagnosis and repair. The emission unit shall not run if the flow rate falls below this minimum.

Records shall be maintained at the facility for a period of at least 5 years and must be made available to the Department upon request.

Parameter Monitored: FLOW RATE
Lower Permit Limit: 76 gallons per minute
Monitoring Frequency: DAILY
Averaging Method: MINIMUM-NOT TO FALL BELOW EXCEPT
DURING STARTUP/SHUTDOWN
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 41: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 41.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00022 Emission Point: 00022

Item 41.2:

Compliance Demonstration shall include the following monitoring:

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

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Monitoring Description:

The combined liquid flow rate to the plate and spray nozzles of the wet scrubber will be monitored and recorded daily. If flow rate below the stated minimum is observed the facility will investigate and correct the cause as soon as possible and report to the Department as stated in 6 NYCRR Part 201-1.4.

Records shall be maintained at the facility for a period of at least 5 years and must be made available to the Department upon request.

Manufacturer Name/Model Number: Sly Impinjet 170

Parameter Monitored: FLOW RATE

Lower Permit Limit: 36.5 gallons per minute

Monitoring Frequency: DAILY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 42: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 42.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00022

Emission Point: 00022

Item 42.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

Scrubber differential pressure will be monitored as an indicator of normal operation. Pressure readings outside of the permitted range of 1.4 to 2.6 inches of water will initiate diagnosis and repair as required.

Records shall be maintained at the facility for a period of at least 5 years and must be made available to the Department upon request.

Parameter Monitored: PRESSURE CHANGE

Lower Permit Limit: 1.4 inches of water

Upper Permit Limit: 2.6 inches of water

Monitoring Frequency: DAILY

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

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Condition 43: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement:40CFR 60.674, NSPS Subpart OOO

Item 43.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00022

Emission Point: 00022

Item 43.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of any affected facility subject to the provisions of this subpart which uses a wet scrubber to control emissions shall install, calibrate, maintain and operate the following monitoring devices:

- a device for the continuous measurement of the pressure loss of the gas stream through the scrubber. The monitoring device must be certified by the manufacturer to be accurate within ± 250 pascals (± 1 inch water) gauge pressure and must be calibrated on an annual basis in accordance with manufacturer's instructions.

- a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber. The monitoring device must be certified by the manufacturer to be accurate within ± 5 percent of design scrubbing liquid flow rate and must be calibrated on an annual basis in accordance with manufacturer's instructions.

Monitoring, record keeping and reporting shall be according to section 60.676 of this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 44: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement:40CFR 60.676, NSPS Subpart OOO

Item 44.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00022

Emission Point: 00022

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Item 44.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The following paragraphs of section 60.676 shall apply:

(a) Each owner or operator seeking to comply with §60.670(d) shall submit to the Administrator the following information about the existing facility being replaced and the replacement piece of equipment.

(1) For a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station:

(i) The rated capacity in megagrams or tons per hour of the existing facility being replaced and

(ii) The rated capacity in tons per hour of the replacement equipment.

(c) During the initial performance test of a wet scrubber, and daily thereafter, the owner or operator shall record the measurements of both the change in pressure of the gas stream across the scrubber and the scrubbing liquid flow rate.

(d) After the initial performance test of a wet scrubber, the owner or operator shall submit semiannual reports to the Administrator of occurrences when the measurements of the scrubber pressure loss and liquid flow rate decrease by more than 30 percent from the average determined during the most recent performance test.

(e) The reports required under paragraph (d) of this section shall be postmarked within 30 days following end of the second and fourth calendar quarters.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 45: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement:40CFR 60.44b, NSPS Subpart Db

Item 45.1:

The Compliance Demonstration activity will be performed for:

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Emission Unit: U-BLR01 Emission Point: 00020
 Process: NG4

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

Item 45.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: CONTINUOUS EMISSION MONITORING (CEM)

Monitoring Description:

The owner or operator shall install, calibrate, maintain, and operate a continuous monitoring system for measuring nitrogen oxides emissions discharged to the atmosphere and record the output of the system.

The 30-day average emission rate is calculated as the average of all hourly emissions data recorded by the monitoring system during the 30-day test period.

The emissions standard for oxides of nitrogen shall apply at all times including periods of startup, shutdown, and malfunction.

Records of the output must be available for a minimum of five (5) years.

Manufacturer Name/Model Number: Not Specified
 Parameter Monitored: OXIDES OF NITROGEN
 Upper Permit Limit: 0.1 pounds per million Btus
 Reference Test Method: 40 CFR 60 Appendix A
 Monitoring Frequency: CONTINUOUS
 Averaging Method: 30-DAY ROLLING AVERAGE
 Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 46: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement: 40CFR 60.46b(e)(4), NSPS Subpart Db

Item 46.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BLR01 Emission Point: 00020
 Process: NG4

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

Item 46.2:

Compliance Demonstration shall include the following monitoring:

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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

Monitoring Description:

Following the date on which the initial performance test is completed or required to be completed under 40 CFR Part 60.8, whichever date comes first, the owner or operator of an affected facility which has a heat input capacity of 73 MW (250 million Btu/hour) or less and which combusts natural gas, distillate oil, or residual oil having a nitrogen content of 0.30 weight percent or less shall upon request determine compliance with the nitrogen oxides standards under 40 CFR Part 60.44b through the use of a 30-day performance test. During periods when performance tests are not requested, nitrogen oxides emissions data collected pursuant to 40 CFR Part 60.48b(g)(1) or 40 CFR Part 60.48b(g)(2) are used to calculate a 30-day rolling average emission rate on a daily basis and used to prepare excess emission reports, but will not be used to determine compliance with the nitrogen oxides emission standards. A new 30-day rolling average emission rate is calculated each steam generating unit operating day as the average of all of the hourly nitrogen oxides emission data for the preceding 30 steam generating unit operating days.

Parameter Monitored: NITROGEN CONTENT

Upper Permit Limit: 0.30 percent by weight

Reference Test Method: EPA RM 7, 7A, or 7E

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 47: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement: 40CFR 60.48b(e)(2), NSPS Subpart Db

Item 47.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BLR01 Emission Point: 00020
 Process: NG4

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

Item 47.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Monitoring Description:

When burning coal, oil, or natural gas, the span value of the Continuous Emission Monitoring System used to measure Nitrogen Oxides (NOx) emissions shall be:

Fuel	Span Value for Nitrogen Oxides in PPM
Natural Gas	500
Oil	500
Coal	1000
Mixture of above	$500(x+y) + 1000(z)$

Where:

x is the fraction of total heat input derived from natural gas
 y is the fraction of total heat input derived from oil, and
 z is the fraction of total heat input derived from coal.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

Condition 48: Use of alternative methods for measuring NOx during CEMS downtime

Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement:40CFR 60.48b(f), NSPS Subpart Db

Item 48.1:

This Condition applies to Emission Unit: U-BLR01 Emission Point: 00020
 Process: NG4

Item 48.2:

When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks, and zero and span adjustments, emission data will be obtained by using standby monitoring systems, Method 7, Method 7A, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days.

Condition 49: Compliance Demonstration

Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement:40CFR 60.49b(b), NSPS Subpart Db

Item 49.1:

The Compliance Demonstration activity will be performed for:

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Emission Unit: U-BLR01
Process: NG4

Emission Point: 00020

Item 49.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the sulfur dioxide, particulate matter, and/or nitrogen oxides emission limits under 40 CFR Part 60.42b, 60.43b, and 60.44b shall submit to the Administrator the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in appendix B.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 50: Compliance Demonstration

Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement:40CFR 60.49b(d), NSPS Subpart Db

Item 50.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BLR01
Process: NG4

Emission Point: 00020

Item 50.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall record and maintain records of the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for each calendar quarter. The annual capacity factor is determined on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Condition 51: Compliance Demonstration

Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement: 40CFR 60.49b(g), NSPS Subpart Db

Item 51.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BLR01 Emission Point: 00020
Process: NG4Regulated Contaminant(s):
CAS No: 0NY210-00-0 OXIDES OF NITROGEN**Item 51.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall maintain records of the following information for each steam generating unit operating day:

- 1) Calendar date.
- 2) The average hourly nitrogen oxides emission rates (expressed as NO₂) (ng/J or lb/million Btu heat input) measured or predicted.
- 3) The 30-day average nitrogen oxides emission rates (ng/J or lb/million Btu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceeding 30 steam generating unit operating days.
- 4) Identification of the steam generating unit operating days when the calculated 30-day average nitrogen oxides emission rates are in excess of the nitrogen oxides emission standards under 40CFR60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken.
- 5) Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken.
- 6) Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data.
- 7) Identification of the "F" factor used for calculations, method of determination, and type of fuel combusted.
- 8) Identification of the times when the pollutant concentration exceeded the full span of the continuous monitoring system.

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

9) Description of any modifications to the continuous monitoring system that could affect the ability of the system to comply with Performance Specification 2 or 3.

10) Results of daily CEMS drift tests and quarterly accuracy assessments as required under 40CFR60 Appendix F, Procedure 1.

Monitoring Frequency: DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

Condition 52: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement:40CFR 60.49b(h), NSPS Subpart Db

Item 52.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-BLR01
Process: NG4

Emission Point: 00020

Item 52.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator shall submit semiannual excess emission reports for opacity and/or, oxides of nitrogen, and/or sulfur dioxide any reporting period during which there are excess emissions from the affected facility. If there are no excess emissions during the reporting period, the owner or operator shall submit a report semiannually stating that no excess emissions occurred during that semiannual reporting period.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2024.

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

Condition 53: Records Retention
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement:40CFR 60.49b(o), NSPS Subpart Db

Item 53.1:

This Condition applies to Emission Unit: U-BLR01 Emission Point: 00020
Process: NG4

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Item 53.2:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of 2 years following the date of such record.

Condition 54: Reporting Period

Effective between the dates of 08/15/2023 and 08/14/2033

Applicable Federal Requirement: 40CFR 60.49b(w), NSPS Subpart Db

Item 54.1:

This Condition applies to Emission Unit: U-BLR01 Emission Point: 00020
Process: NG4

Item 54.2:

The reporting period for the reports required under this subpart is each 6 month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period.

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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 55: Contaminant List

Effective between the dates of 08/15/2023 and 08/14/2033

Applicable State Requirement:ECL 19-0301

Item 55.1:

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: 0NY075-00-5
 Name: PM-10

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

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Condition 56: Malfunctions and Start-up/Shutdown Activities
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable State Requirement:6 NYCRR 201-1.4

Item 56.1:

(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 57: Emission Unit Definition
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 57.1:

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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

Emission Unit: U-00007

Emission Unit Description:

Rotary salt cooler and flake clean-up operations.
Process emissions are captured and passed through a wet scrubber prior to being released to the atmosphere through emission point 00007.

Building(s): SOUTH MILL

Item 57.2:

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

Emission Unit: U-00008

Emission Unit Description:

Fluid-bed salt dryer. Heat is provided by steam from the boiler plant. Process emissions are passed through a wet scrubber prior to being released to the atmosphere.

Building(s): PAN

Item 57.3:

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

Emission Unit: U-00009

Emission Unit Description:

Miscellaneous conveyors, surge bins, screens and bagging operations in the Mill Building. Process emissions are captured and passed through a fabric filter prior to being released to atmosphere through Emission Point 00009.

Building(s): MILL

Item 57.4:

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

Emission Unit: U-00016

Emission Unit Description:

Pellet processing, conveying, storage, screening and packaging operations exhausted through a wet scrubber.

Building(s): PELLET

Item 57.5:

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

Emission Unit: U-00019

Emission Unit Description:

Center Mill product line. Flake mill, conveying, screening, blending, storage and miscellaneous processing operations are exhausted through a wet scrubber.

Building(s): SOUTH MILL

Item 57.6:

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

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Emission Unit: U-00021

Emission Unit Description:

Refining of food grade potassium chloride with dust collection controlled by a wet scrubber.

Building(s): PAN

Item 57.7:

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

Emission Unit: U-00022

Emission Unit Description:

This emissions unit processes and packages a product line called Premier Flake. An impingement wet scrubber has replaced two dry collectors.

Building(s): SOUTH MILL

Item 57.8:

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

Emission Unit: U-BLR01

Emission Unit Description:

One 181 MMBTU/hr natural gas-fired boiler used to generate process steam.

Building(s): BR2

Condition 58: Renewal deadlines for state facility permits
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 58.1:

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 59: CLCPA Applicability
Effective between the dates of 08/15/2023 and 08/14/2033

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

Item 59.1:

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 60: Compliance Demonstration
Effective between the dates of 08/15/2023 and 08/14/2033

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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

Item 60.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 60.2:

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 8
6274 East Avon-Lima Rd.
Avon, NY 14414

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 61: Air pollution prohibited
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable State Requirement:6 NYCRR 211.1

Item 61.1:

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 62: Emission Point Definition By Emission Unit
Effective between the dates of 08/15/2023 and 08/14/2033

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 62.1:

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

Emission Unit: U-00007

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Emission Point: 00007
 Height (ft.): 37 Diameter (in.): 28
 NYTMN (km.): 4694.059 NYTME (km.): 346.446 Building: SOUTH MILL

Item 62.2:

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

Emission Unit: U-00008

Emission Point: 00008
 Height (ft.): 44 Diameter (in.): 42
 NYTMN (km.): 4694.057 NYTME (km.): 346.44 Building: PAN

Item 62.3:

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

Emission Unit: U-00009

Emission Point: 00009
 Height (ft.): 40 Length (in.): 21 Width (in.): 18
 NYTMN (km.): 4694.054 NYTME (km.): 346.448 Building: MILL

Item 62.4:

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

Emission Unit: U-00016

Emission Point: 00016
 Height (ft.): 40 Length (in.): 20 Width (in.): 44
 NYTMN (km.): 4694.039 NYTME (km.): 346.387 Building: PELLET

Item 62.5:

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

Emission Unit: U-00019

Emission Point: 00019
 Height (ft.): 39 Diameter (in.): 30
 NYTMN (km.): 4693.8 NYTME (km.): 346.3 Building: SOUTH MILL

Item 62.6:

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

Emission Unit: U-00021

Emission Point: 00021
 Height (ft.): 79 Diameter (in.): 24
 NYTMN (km.): 4694.091 NYTME (km.): 346.368 Building: PAN

Item 62.7:

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

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Emission Unit: U-00022

Emission Point: 00022

Height (ft.): 39

Diameter (in.): 30

NYTMN (km.): 4694.091 NYTME (km.): 346.368 Building: SOUTH MILL

Item 62.8:

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

Emission Unit: U-BLR01

Emission Point: 00020

Height (ft.): 125

Diameter (in.): 54

NYTMN (km.): 4693.8 NYTME (km.): 346.3 Building: BR2

Condition 63: Process Definition By Emission Unit

Effective between the dates of 08/15/2023 and 08/14/2033

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 63.1:

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

Emission Unit: U-00007

Process: 007

Source Classification Code: 3-05-021-01

Process Description:

Rotary salt cooler is used to cool salt prior to processing operations.

Emission Source/Control: RC001 - Control

Control Type: IMPINGEMENT PLATE SCRUBBER

Emission Source/Control: SC001 - Process

Item 63.2:

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

Emission Unit: U-00007

Process: 07A

Source Classification Code: 3-05-021-01

Process Description: Flake clean-up operations.

Emission Source/Control: RC001 - Control

Control Type: IMPINGEMENT PLATE SCRUBBER

Emission Source/Control: FC001 - Process

Item 63.3:

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

Emission Unit: U-00008

Process: 008

Source Classification Code: 3-05-021-01

Process Description:

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Fluid-bed salt dryer is used to dry salt slurry prior to processing operations.

Emission Source/Control: FBD01 - Control
Control Type: VENTURI SCRUBBER

Emission Source/Control: SD001 - Process

Item 63.4:

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

Emission Unit: U-00009
Process: 009 Source Classification Code: 3-05-021-06
Process Description:
Miscellaneous conveyors, surge bins, screens bagging and other processing operations installed prior to 8/1/83.

Emission Source/Control: MLL09 - Control
Control Type: FABRIC FILTER

Emission Source/Control: MHO09 - Process

Item 63.5:

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

Emission Unit: U-00009
Process: 09N Source Classification Code: 3-05-021-06
Process Description:
Miscellaneous conveyors, surge bins, screens, bagging and other processing operations installed after 8/1/83 (NSPS Subpart OOO applicable).

Emission Source/Control: MLL09 - Control
Control Type: FABRIC FILTER

Emission Source/Control: MHN09 - Process

Item 63.6:

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

Emission Unit: U-00016
Process: 016 Source Classification Code: 3-05-021-01
Process Description:
Pellet processing, conveying, screening, storage and packaging operations installed prior to 8/1/83.

Emission Source/Control: PEL01 - Control
Control Type: IMPINGEMENT PLATE SCRUBBER

Emission Source/Control: MHO16 - Process

Item 63.7:

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

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

Emission Unit: U-00016
 Process: N16 Source Classification Code: 3-05-021-01
 Process Description:
 Pellet processeing, conveying, screening, storage and packaging operations installed after 8/1/83 (NSPS Subpart OOO applicable)

Emission Source/Control: PEL01 - Control
 Control Type: IMPINGEMENT PLATE SCRUBBER

Emission Source/Control: MHN16 - Process

Item 63.8:

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

Emission Unit: U-00019
 Process: B19 Source Classification Code: 3-05-021-01
 Process Description:
 Back-up for flake salt operations (EU U-00022). Flake mill, conveying, screening, storage and miscellaneous processing operations installed after 4/22/08 (NSPS Subpart OOO applicable).

Emission Source/Control: BND01 - Control
 Control Type: WET SCRUBBER

Emission Source/Control: MNH19 - Process

Item 63.9:

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

Emission Unit: U-00019
 Process: N19 Source Classification Code: 3-05-021-01
 Process Description:
 CENTER MILL product line. Flake mill, blending, conveying, screening, storage and miscellaneous processing operations installed after 4/22/08 (NSPS Subpart OOO applicable).

Emission Source/Control: BND01 - Control
 Control Type: WET SCRUBBER

Emission Source/Control: MNH19 - Process

Item 63.10:

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

Emission Unit: U-00021
 Process: KCL Source Classification Code: 3-01-114-01
 Process Description:

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001

Refining of food grade potassium chloride with dust collection controlled by a wet scrubber.

Emission Source/Control: KCLSB - Control
Control Type: WET SCRUBBER

Emission Source/Control: KCLFB - Process

Item 63.11:

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

Emission Unit: U-00022

Process: FLK

Source Classification Code: 3-05-999-99

Process Description:

This process cleans the air from the sources originally controlled by flake packaging U-00013 and flake processing U-00014 - baggers . screeners, conveyors, elevators, rolling mills and bins that are a part of the flake product lines.

Emission Source/Control: FLKSB - Control
Control Type: IMPINGEMENT PLATE SCRUBBER

Emission Source/Control: MHN13 - Process

Emission Source/Control: MHN14 - Process

Emission Source/Control: MHO13 - Process

Emission Source/Control: MHO14 - Process

Item 63.12:

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

Emission Unit: U-BLR01

Process: NG4

Source Classification Code: 1-02-006-01

Process Description: Natural gas combustion in the 181 MMBTU/hr boiler.

Emission Source/Control: NG004 - Combustion
Design Capacity: 181 million Btu per hour

Emission Source/Control: LN004 - Control
Control Type: LOW NOx BURNER

Permit ID: 8-4424-00001/00030

Facility DEC ID: 8442400001