

Facility DEC ID: 8182400144

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 8-1824-00144/00001
Mod 0 Effective Date: 12/19/2018 Expiration Date: 12/18/2028
Mod 1 Effective Date: 08/06/2020 Expiration Date: 12/18/2028
Mod 2 Effective Date: 07/18/2022 Expiration Date: 12/18/2028

Permit Issued To: HP HOOD LLC
6 KIMBALL LN
LYNNFIELD, MA 01940

Contact: EVAN VERBANIC
HP HOOD LLC
5140 AGPARK DR W
BATAVIA, NY 14020
(585) 563-3780

Facility: HP HOOD LLC
5140 AG PARK DR W
BATAVIA, NY

Description:

Modification to Air State Facility permit to operate emission sources associated with a milk processing plant in the Genesee Valley Agri-Business Park (GVABP) including multiple milk production lines with emissions from three boilers, ammonia refrigeration system, powder and liquid blending operations, wastewater pre-treatment, and a fire pump engine. The modifications include the addition of a 4th sterilization unit that uses and emits peracetic acid (PAA) that vents to a 4th scrubber.

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.

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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:

THOMAS P HALEY
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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- 5 2 Relationship of this Permit to Other Department Orders and Determinations
- 5 3 Applications for permit renewals, modifications and transfers
- 6 4 Permit modifications, suspensions or revocations by the Department

Facility Level

- 6 5 Submission of application for permit modification or renewal-REGION 8 HEADQUARTERS

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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: HP HOOD LLC
6 KIMBALL LN
LYNNFIELD, MA 01940

Facility: HP HOOD LLC
5140 AG PARK DR W
BATAVIA, NY

Authorized Activity By Standard Industrial Classification Code:
2026 - FLUID MILK

Mod 0 Permit Effective Date: 12/19/2018

Permit Expiration Date: 12/18/2028

Mod 1 Permit Effective Date: 08/06/2020

Permit Expiration Date: 12/18/2028

Mod 2 Permit Effective Date: 07/18/2022

Permit Expiration Date: 12/18/2028

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EU=U-00002,Proc=BLR

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FEDERALLY ENFORCEABLE CONDITIONS

Renewal 1/Mod 2/FINAL

**** Facility Level ****

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Sealing - 6 NYCRR 200.5

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

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

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

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

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

Item C: Maintenance of Equipment - 6 NYCRR 200.7

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

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required to operate such device effectively.

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

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

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

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

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

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

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

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

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

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

Item H: Proof of Eligibility for Sources Defined as Trivial

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Activities - 6 NYCRR 201-3.3 (a)

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

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

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

Item J: Open Fires Prohibitions - 6 NYCRR 215.2

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

Item K: Permit Exclusion - ECL 19-0305

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

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

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

FEDERAL APPLICABLE REQUIREMENTS
The following conditions are federally enforceable.

Condition 1: Open Fires - Prohibitions
Effective between the dates of 12/19/2018 and 12/18/2028

Applicable Federal Requirement: 6 NYCRR 215.2

Item 1.1:

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

Item 1.2

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

- (a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
- (b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
- (c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
- (d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
- (e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
- (f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
- (g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
- (h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
- (i) Prescribed burns performed according to Part 194 of this Title.

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(j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.

(k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.

(l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

Condition 2-1: Maintenance of Equipment

Effective between the dates of 07/18/2022 and 12/18/2028

Applicable Federal Requirement:6 NYCRR 200.7

Item 2-1.1:

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

Condition 2: Maintenance of Equipment

Effective between the dates of 12/19/2018 and 12/18/2028

Applicable Federal Requirement:6 NYCRR 200.7

Item 2.1:

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

Condition 3: Accidental release provisions.

Effective between the dates of 12/19/2018 and 12/18/2028

Applicable Federal Requirement:40 CFR Part 68

Item 3.1:

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

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

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

Condition 4: Exempt and Trivial Activities Applicability
Effective between the dates of 12/19/2018 and 12/18/2028

Applicable Federal Requirement:6 NYCRR 201-3.1 (a)

Item 4.1:

If the facility owner and/or operator performs any of the exempt and trivial activities listed in 6 NYCRR Part 201-3.2(c) or 201-3.3(c), such activities are exempt from the permitting provisions of 6 NYCRR Part 201-5, but not from other Parts of 6 NYCRR Chapter III, or from applicable permitting requirements of local air pollution control agencies.

Condition 5: Required Emissions Tests - Facility Level
Effective between the dates of 12/19/2018 and 12/18/2028

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 5.1:

An acceptable report of measured emissions shall be submitted, as required by the commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation.

Condition 6: Visible Emissions Limited
Effective between the dates of 12/19/2018 and 12/18/2028

Applicable Federal Requirement:6 NYCRR 211.2

Item 6.1:

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 2-2: Compliance Demonstration
Effective between the dates of 07/18/2022 and 12/18/2028

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

Item 2-2.1:

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

Emission Unit: U-00005	Emission Point: 00005
Emission Unit: U-00005	Emission Point: 00006
Emission Unit: U-00005	Emission Point: 00007
Emission Unit: U-00005	Emission Point: 00013

Item 2-2.2:

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 a Method 9 opacity evaluation at any time during facility operation.

The permittee will conduct observations of visible emissions from these emission units and processes to which this condition applies at least monthly while the process is in operation. The permittee 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.

The permittee 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 standard continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC – Region 8 Division of Air Resource office within 24 hours if the method 9 test indicates that the opacity standard is not met.

Records of visible monthly emissions observations (or any follow-up method 9 tests), investigations, and documentation of corrective actions taken must be kept

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on-site and shall be made available upon request. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Manufacturer Name/Model Number: PAA Sterilization Unit
 Parameter Monitored: OPACITY
 Upper Permit Limit: 20 percent
 Reference Test Method: Method 9 - As required, see monitoring description
 Monitoring Frequency: MONTHLY
 Averaging Method: 6-MINUTE AVERAGE (METHOD 9)
 Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 2-3: Compliance Demonstration
Effective between the dates of 07/18/2022 and 12/18/2028

Applicable Federal Requirement: 6 NYCRR 212-1.7 (a)

Item 2-3.1:

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

Emission Unit: U-00005	Emission Point: 00013
Process: PAA	Emission Source: SPAA4
Regulated Contaminant(s):	
CAS No: 007722-84-1	HYDROGEN PEROXIDE
CAS No: 000079-21-0	ETHANEPEROXOIC ACID (METHYL ESTER)

Item 2-3.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The emissions potential from the PAA sterilization processes must not exceed AGC/SGC guideline concentrations for PAA and Hydrogen Peroxide. The use of scrubbers as control on each sterilization unit will provide a maximum emission rate potential of 0.02 lb/hr per unit. The emissions rate of each contaminant with the proposed control must be verified with a stack emission test. This stack test must be conducted within 180 days of the start of operations of the first installed sterilization unit and scrubber as control. The stack test protocol and proposed test dates must be sent to the NYSDEC Region 8, Division of Air Resources office at least 30 days prior to conducting the stack test. The stack test results must be submitted within 60 days after the completion of tests.

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Upper Permit Limit: 0.02 pounds per hour
 Reference Test Method: Approved EPA method / alternative method submitted
 Monitoring Frequency: ONCE DURING THE TERM OF THE PERMIT
 Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -
 SEE MONITORING DESCRIPTION
 Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 2-4: Compliance Demonstration
Effective between the dates of 07/18/2022 and 12/18/2028

Applicable Federal Requirement:6 NYCRR 212-1.7 (a)

Item 2-4.1:

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

Emission Unit: U-00005	Emission Point: 00005
Process: PAA	Emission Source: SPAA1
Emission Unit: U-00005	Emission Point: 00006
Process: PAA	Emission Source: SPAA2
Regulated Contaminant(s):	
CAS No: 007722-84-1	HYDROGEN PEROXIDE
CAS No: 000079-21-0	ETHANEPEROXOIC ACID (METHYL ESTER)

Item 2-4.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

A stack test of the two remaining identical scrubbers that have not been tested must be completed 10 years from the date of the last stack test. This stack test will deminstate the condition of the scrubbers. The stack test protocol and proposed test dates must be sent to the NYSDEC Region 8, Division of Air Resources office at least 30 days prior to conducting the stack test. The stack test results must be submitted within 60 days after the completion of tests

Upper Permit Limit: 0.02 pounds per hour
 Reference Test Method: Approved EPA method / alternative method submitted
 Monitoring Frequency: ONCE EVERY TEN YEARS
 Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -
 SEE MONITORING DESCRIPTION
 Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 2-5: Compliance Demonstration
Effective between the dates of 07/18/2022 and 12/18/2028

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

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Item 2-5.1:

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

Emission Unit: U-00005	Emission Source: SPAA1
Process: PAA	
Emission Unit: U-00005	Emission Source: SPAA2
Process: PAA	
Emission Unit: U-00005	Emission Source: SPAA3
Process: PAA	
Emission Unit: U-00005	Emission Source: SPAA4
Process: PAA	

Item 2-5.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The facility owner or operator shall not allow emissions of an air contaminant to violate the requirements specified in Table 4 – Degree of Air Cleaning Required for Non-Criteria Air Contaminants under 6 NYCRR Part 212-2.4, as applicable, for the environmental rating assigned to the contaminant by the department. The listed non-HTAC contaminants have been demonstrated to be in compliance with 6 NYCRR Part 212-2.1(b) by meeting the DAR-1 guideline concentrations, with the use of acid gas scrubbers. The listed non-HTAC contaminants shall continue to meet the DAR-1 guideline concentrations as modeled in the permit application. Any proposed increase in the ERP of any listed non-HTAC contaminant shall require a permit modification prior to implementation of such increase or addition.

At all times, the facility owner or operator must operate and maintain all process emission sources, including the associated air pollution control and monitoring equipment, in a manner consistent with safe, good air pollution control practices, good engineering practices and manufacturers’ recommendations for minimizing emissions. Any significant changes to the device and design parameters or any method of operation which could conceivably increase the emissions, increase the emission rate potential, decrease the air cleaning control efficiency, or be cause to alter the environmental rating of any contaminant may be considered a modification to the permit and will require a reevaluation to ensure continued

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compliance with Part 212.

The facility owner or operator shall verify that the scrubbers are operating within the specified pH parameter through recording twice daily pH reading from the continuous monitors on each scrubber while PAA sterilization units are being operated. The pH of the scrubbing liquid in each scrubber unit must be independently monitored and recorded. The facility owner or operator will investigate any instance where the pH reading is less than 10.5. The facility will record any method used stabilize the pH in the deviations log. The deviation log must contain records of observations out of range, time of out range, investigations, and corrective actions will be kept on-site and made available for review upon request.

If there is or has been an emissions increase above those that are listed on the application, or that Part 212 emissions standards may have been or continue to be exceeded. In such cases, the facility owner or operator shall investigate the cause, make any necessary corrections, and verify that the potential excess emissions problem has been corrected. After becoming aware that malfunction of the control device has occurred, Region 8 Division of Air Resources staff must be notified as soon as possible during normal working hours, but not later than two working days from the malfunction discovery. A report must be sent to the Region 8 Division of Air Office once per calendar year, certifying compliance with monitoring requirements, listing all deviations from beyond monitoring condition levels, and any corrective actions taken.

Parameter Monitored: PH

Lower Permit Limit: 10.5 pH (STANDARD) units

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2023.

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

Condition 2-6: Compliance Demonstration
Effective between the dates of 07/18/2022 and 12/18/2028

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

Item 2-6.1:

The Compliance Demonstration activity will be performed for the facility:

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The Compliance Demonstration applies to:

Emission Unit: U-00005	
Process: PAA	Emission Source: SPAA1
Emission Unit: U-00005	
Process: PAA	Emission Source: SPAA2
Emission Unit: U-00005	
Process: PAA	Emission Source: SPAA3
Emission Unit: U-00005	
Process: PAA	Emission Source: SPAA4

Item 2-6.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The facility owner or operator shall not allow emissions of an air contaminant to violate the requirements specified in Table 4 – Degree of Air Cleaning Required for Non-Criteria Air Contaminants under 6 NYCRR Part 212-2.4, as applicable, for the environmental rating assigned to the contaminant by the department. The listed non-HTAC contaminants have been demonstrated to be in compliance with 6 NYCRR Part 212-2.1(b) by meeting the DAR-1 guideline concentrations, with the use of acid gas scrubbers. The listed non-HTAC contaminants shall continue to meet the DAR-1 guideline concentrations as modeled in the permit application. Any proposed increase in the ERP of any listed non-HTAC contaminant shall require a permit modification prior to implementation of such increase or addition.

At all times, the facility owner or operator must operate and maintain all process emission sources, including the associated air pollution control and monitoring equipment, in a manner consistent with safe, good air pollution control practices, good engineering practices and manufacturers’ recommendations for minimizing emissions. Any significant changes to the device and design parameters or any method of operation which could conceivably increase the emissions, increase the emission rate potential, decrease the air cleaning control efficiency, or be cause to alter the environmental rating of any contaminant may be considered a modification to the permit and will require a reevaluation to ensure continued compliance with Part 212.

The facility owner or operator shall ensure that the

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scrubbers are operating within the specified scrubbing liquid flow rate parameters through recording liquid flow readings daily, while PAA sterilization units are being operated, to demonstrate compliance with Table 4. The flow rate within each scrubber unit must be independently monitored and may not exceed the limits set by the manufacturer. Additionally, the facility owner or operator will investigate any instance where there is reason to believe that there is or has been an emissions increase above those that are listed on the application, or that Part 212 emissions standards may have been or continue to be exceeded. Such instances include the flow rate alarm being triggered. In such cases, the facility owner or operator shall investigate the cause, make any necessary corrections, and verify that the potential excess emissions problem has been corrected. After becoming aware that malfunction of the control device has occurred, Region 8 Division of Air Resources staff must be notified as soon as possible during normal working hours, but not later than two working days from the malfunction discovery. Records of observations, investigations and corrective actions will be kept on-site and made available for review upon request. A report must be sent to the Region 8 Division of Air Office once per calendar year, certifying compliance with monitoring requirements, listing all deviations from beyond monitoring condition levels, and any corrective actions taken.

Parameter Monitored: FLOW RATE

Lower Permit Limit: 25 gallons per minute

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2023.

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

Condition 2-7: Compliance Demonstration**Effective between the dates of 07/18/2022 and 12/18/2028****Applicable Federal Requirement:6 NYCRR 212-2.1 (b)****Item 2-7.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: U-00005

Process: PAA

Emission Source: SPAA1

Emission Unit: U-00005

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Process: PAA	Emission Source: SPAA2
Emission Unit: U-00005	
Process: PAA	Emission Source: SPAA3
Emission Unit: U-00005	
Process: PAA	Emission Source: SPAA4

Item 2-7.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

The facility owner or operator shall not allow emissions of an air contaminant to violate the requirements specified in Table 4 – Degree of Air Cleaning Required for Non-Criteria Air Contaminants under 6 NYCRR Part 212-2.4, as applicable, for the environmental rating assigned to the contaminant by the department. The listed non-HTAC contaminants have been demonstrated to be in compliance with 6 NYCRR Part 212-2.1(b) by meeting the DAR-1 guideline concentrations, with the use of acid gas scrubbers. The listed non-HTAC contaminants shall continue to meet the DAR-1 guideline concentrations as modeled in the permit application. Any proposed increase in the ERP of any listed non-HTAC contaminant shall require a permit modification prior to implementation of such increase or addition.

At all times, the facility owner or operator must operate and maintain all process emission sources, including the associated air pollution control and monitoring equipment, in a manner consistent with safe, good air pollution control practices, good engineering practices and manufacturers’ recommendations for minimizing emissions. Any significant changes to the device and design parameters or any method of operation which could conceivably increase the emissions, increase the emission rate potential, decrease the air cleaning control efficiency, or be cause to alter the environmental rating of any contaminant may be considered a modification to the permit and will require a reevaluation to ensure continued compliance with Part 212.

The facility owner or operator shall ensure that the scrubbers are operating within the specified scrubber pressure parameters through recording a daily media pressure reading from the continuous monitors on each scrubber, while PAA sterilization units are being operated to demonstrate compliance with Table 4. The pressure drop within each scrubber unit must be independently monitored

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and may not exceed the limits set by the manufacture. Additionally, the facility owner or operator will investigate any instance where there is reason to believe that there is or has been an emissions increase above those that are listed on the application, or that Part 212 emissions standards may have been or continue to be exceeded. Such instances include the pressure alarm being triggered. In such cases, the facility owner or operator shall investigate the cause, make any necessary corrections, and verify that the potential excess emissions problem has been corrected. After becoming aware that malfunction of the control device has occurred, Region 8 Division of Air Resources staff must be notified as soon as possible during normal working hours, but not later than two working days from the malfunction discovery. Records of observations, investigations and corrective actions will be kept on-site and made available for review upon request. A report must be sent to the Region 8 Division of Air Office once per calendar year, certifying compliance with monitoring requirements, listing all deviations from beyond monitoring condition levels, and any corrective actions taken.

Parameter Monitored: PRESSURE DROP

Upper Permit Limit: 6.6 inches of water

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

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

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2023.

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

Condition 2-8: Compliance Demonstration
Effective between the dates of 07/18/2022 and 12/18/2028

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

Item 2-8.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 2-8.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners or operators of emission sources that fire distillate oil are limited to a 0.0015 percent sulfur content by weight of the fuel. Compliance with the sulfur-in-fuel limitation is based on fuel vendor

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receipts. All fuel vendor receipts must be maintained on site or at a Department approved alternative location for a minimum of five years.

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

Work Practice Type: PARAMETER OF PROCESS MATERIAL
 Process Material: DISTILLATES - NUMBER 1 AND NUMBER 2 OIL
 Parameter Monitored: SULFUR CONTENT
 Upper Permit Limit: 0.0015 percent by weight
 Monitoring Frequency: PER DELIVERY
 Averaging Method: MAXIMUM - NOT TO BE EXCEEDED AT ANY TIME (INSTANTANEOUS/DISCRETE OR GRAB)
 Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 2-9: Compliance Demonstration
Effective between the dates of 07/18/2022 and 12/18/2028

Applicable Federal Requirement:6 NYCRR 227-1.4 (a)

Item 2-9.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 2-9.2:

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

No person shall operate a stationary combustion installation which exhibits greater than 20 percent opacity (six minute average), except for one-six-minute period per hour of not more than 27 percent opacity.

In addition, the Department reserves the right to perform or require the performance of a Method 9 opacity evaluation at any time during facility operation.

The permittee will conduct observations of visible emissions from the emission unit, process, etc. to which this condition applies at the monitoring frequency stated below while the process is in operation. The permittee 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.

The permittee 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 standard

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continue, the permittee will conduct a Method 9 assessment within the next operating day of the sources associated with the potential noncompliance to determine the degree of opacity and will notify the NYSDEC if the method 9 test indicates that the opacity standard is not met.

Records of visible emissions observations (or any follow-up method 9 tests), investigations and corrective actions will be kept on-site. Should the Department determine that permittee's record keeping format is inadequate to demonstrate compliance with this condition, it shall provide written notice to the permittee stating the inadequacies, and permittee shall have 90 days to revise its prospective record keeping format in a manner acceptable to the Department.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: EPA Method 9

Monitoring Frequency: ANNUALLY

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 10: Applicability
Effective between the dates of 12/19/2018 and 12/18/2028

Applicable Federal Requirement:40CFR 60, NSPS Subpart IIII

Item 10.1:

Facilities that have stationary compression ignition internal combustion engines must comply with applicable portions of 40 CFR 60 Subpart IIII.

Condition 11: Applicability
Effective between the dates of 12/19/2018 and 12/18/2028

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 11.1:

Facilities that have reciprocating internal combustion engines must comply with applicable portions of 40 CFR 63 subpart ZZZZ.

**** Emission Unit Level ****

Condition 13: Compliance Demonstration
Effective between the dates of 12/19/2018 and 12/18/2028

Applicable Federal Requirement:40CFR 60.48c, NSPS Subpart Dc

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Item 13.1:

The Compliance Demonstration activity will be performed for:

Emission Unit: U-00002

Process: BLR

Item 13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a facility that operates a boiler applicable to 40CFR60 Subpart Dc shall record and maintain records onsite of the amount of each fuel combusted in each boiler during each operating day or the owner or operator of a boiler that combusts only natural gas may elect to record and maintain records of the amount of natural gas combusted during each calendar month. All records of boiler fuel consumption must be maintained by the owner or operator of the facility for a period of two years.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

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STATE ONLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined in 6 NYCRR subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

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

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

(2) the equipment at the facility was being properly operated and maintained;

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

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

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

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

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

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

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

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

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

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

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 17: Contaminant List

Effective between the dates of 12/19/2018 and 12/18/2028

Applicable State Requirement: ECL 19-0301

Item 17.1:

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

CAS No: 000079-21-0

Name: ETHANEPEROXOIC ACID (METHYL ESTER)

CAS No: 007722-84-1

Name: HYDROGEN PEROXIDE

Condition 18: Malfunctions and start-up/shutdown activities

Effective between the dates of 12/19/2018 and 12/18/2028

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Applicable State Requirement:6 NYCRR 201-1.4**Item 18.1:**

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

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

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

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

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

**Condition 2-10: Malfunctions and Start-up/Shutdown Activities
Effective between the dates of 07/18/2022 and 12/18/2028****Applicable State Requirement:6 NYCRR 201-1.4****Item 2-10.1:**

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

(b) The facility owner or operator shall compile and maintain records of all equipment

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

(c) In the event that air contaminant emissions exceed any applicable emission standard due to a malfunction, the facility owner or operator shall notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. In addition, the facility owner or operator shall compile and maintain a record of all malfunctions. Such records shall be maintained at the facility for a period of at least five years and must be made available to the department upon request. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, the air contaminants emitted, and the resulting emission rates and/or opacity.

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

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

Condition 19: Emission Unit Definition**Effective between the dates of 12/19/2018 and 12/18/2028****Applicable State Requirement: 6 NYCRR Subpart 201-5****Item 19.1(From Mod 2):**

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

Emission Unit: U-00005

Emission Unit Description:

This unit consists of four peracetic acid (PAA)
sterilization units and four PAA acid gas scrubbers.

Building(s): BUILDING 1

Item 19.2(From Mod 1):

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

Emission Unit: U-00002

Emission Unit Description:

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This unit consists of three natural gas fired boilers, and an ammonia refrigeration system.

Building(s): UTILITY

Item 19.3(From Mod 0):

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

Emission Unit: U-00003

Emission Unit Description:

Emission unit consists of pre-treatment Wastewater Facility. Emissions are fugitive in nature.

Building(s): WWTF

Item 19.4(From Mod 0):

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

Emission Unit: U-00004

Emission Unit Description:

The unit consists of an emergency fire pump powered by a 305 HP Cummins diesel engine model CFP9E-F60 exempt from permitting under 6 NYCRR Part 201-3.2.

Building(s): WWTF

**Condition 20: Renewal deadlines for state facility permits
Effective between the dates of 12/19/2018 and 12/18/2028**

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

Item 20.1:

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 1-2: CLCPA Applicability
Effective between the dates of 08/06/2020 and 12/18/2028**

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

Item 1-2.1:

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 21: Compliance Demonstration
Effective between the dates of 12/19/2018 and 12/18/2028**

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

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Item 21.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 21.2:

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: UPON REQUEST BY REGULATORY AGENCY

Condition 22: Air pollution prohibited
Effective between the dates of 12/19/2018 and 12/18/2028

Applicable State Requirement:6 NYCRR 211.1

Item 22.1:

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 23: Emission Point Definition By Emission Unit
Effective between the dates of 12/19/2018 and 12/18/2028

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 23.1(From Mod 2):

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

Emission Unit: U-00005

Emission Point: 00005

Height (ft.): 52

Diameter (in.): 16

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NYTMN (km.): 4763.58 NYTME (km.): 243.818 Building: BUILDING 1

Emission Point: 00006
 Height (ft.): 52 Diameter (in.): 16
 NYTMN (km.): 4763.584 NYTME (km.): 243.818 Building: BUILDING 1

Emission Point: 00007
 Height (ft.): 52 Diameter (in.): 16
 NYTMN (km.): 4763.588 NYTME (km.): 243.818 Building: BUILDING 1

Emission Point: 00013
 Height (ft.): 56 Diameter (in.): 16
 NYTMN (km.): 4763.566 NYTME (km.): 243.737 Building: BUILDING 1

Item 23.2(From Mod 0):

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

Emission Unit: U-00002

Emission Point: 00002
 Height (ft.): 41 Diameter (in.): 5
 NYTMN (km.): 4763.698 NYTME (km.): 243.902 Building: UTILITY

Emission Point: 00003
 Height (ft.): 41 Diameter (in.): 5
 NYTMN (km.): 4763.698 NYTME (km.): 243.902 Building: UTILITY

Emission Point: 00008
 Height (ft.): 51 Diameter (in.): 36
 NYTMN (km.): 4763.561 NYTME (km.): 243.894 Building: UTILITY

Item 23.3(From Mod 0):

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

Emission Unit: U-00004

Emission Point: 00004
 Height (ft.): 13 Diameter (in.): 4
 NYTMN (km.): 4763.698 NYTME (km.): 243.902 Building: WWTF

Condition 24: Process Definition By Emission Unit

Effective between the dates of 12/19/2018 and 12/18/2028

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 24.1(From Mod 2):

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

Emission Unit: U-00005
 Process: PAA Source Classification Code: 3-02-030-99
 Process Description:
 Three sterilization units and their associated

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scrubbers/mist eliminators.
 Industrial Processes Food and Agriculture - Dairy Products
 - Other Not Classified

Emission Source/Control: P0009 - Control
 Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: P0010 - Control
 Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: P0011 - Control
 Control Type: GAS SCRUBBER (GENERAL, NOT CLASSIFIED)

Emission Source/Control: P0013 - Process
 Design Capacity: 56 gallons per hour

Emission Source/Control: SPAA1 - Process

Emission Source/Control: SPAA2 - Process

Emission Source/Control: SPAA3 - Process

Emission Source/Control: SPAA4 - Process

Item 24.2(From Mod 1):

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

Emission Unit: U-00002
 Process: BLR Source Classification Code: 1-03-006-02
 Process Description:
 Process consists of two (2) 51.2 MMBtu/Hr and one (1) 48 MMBtu/hr natural gas fired boilers, each equipped with an economizer.

Emission Source/Control: BOIL1 - Combustion
 Design Capacity: 51.2 million Btu per hour

Emission Source/Control: BOIL2 - Combustion
 Design Capacity: 51.2 million Btu per hour

Emission Source/Control: BOIL3 - Combustion
 Design Capacity: 1,200 horsepower (boiler)

Item 24.3(From Mod 0):

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

Emission Unit: U-00002
 Process: MSC Source Classification Code: 3-15-050-02
 Process Description:
 This process consists of miscellaneous support functions, including an ammonia refrigeration system

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Emission Source/Control: FRDG1 - Process

Item 24.4(From Mod 0):

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

Emission Unit: U-00003

Process: WWT

Source Classification Code: 3-01-820-02

Process Description:

This process consists of the pre-treatment of wastewater generated at the facility
Chemical Manufacturing - Wastewater Treatment

Emission Source/Control: WWT01 - Process

Item 24.5(From Mod 0):

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

Emission Unit: U-00004

Process: EFP

Source Classification Code: 2-03-001-01

Process Description:

Internal Combustion Engines -Commercial/Institutional -
Distillate Oil (Diesel)
Process of running the emergency fire pump engine

Emission Source/Control: DEP01 - Combustion

Condition 25: General Provisions

Effective between the dates of 12/19/2018 and 12/18/2028

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 25.1:

This Condition applies to Emission Unit: U-00005

Item 25.2:

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

Item 25.3:

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

Item 25.4:

The owner or operator of the emission sources subject to this permit must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be

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granted access during normal operating hours, for the purpose of determining compliance with this and any other state or federal air pollution control requirements, regulations or law.

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