

Facility DEC ID: 4122800027

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 4-1228-00027/00015
Effective Date: 09/21/2022 Expiration Date: 09/20/2027

Permit Issued To:Friesland Campina Ingredients North America Inc
40196 St Hwy 10
Delhi, NY 13753

Contact: Boudewijn Stijne
40196 State Highway 10
Delhi, NY 13753
(607) 746-0270

Facility: FCINA - DELHI
40196 ST HWY 10
DELHI, NY 13753

Contact: Mark Roach
40196 St Hwy 10
Delhi, NY 13753
(607) 746-0198

Description:
This project consists of the renewal of the facility’s Title V permit. This renewal also includes three significant modifications to the permit. The significant modifications include (1) the addition of Emission Unit 2-WWPTP, including the addition of a regenerative thermal oxidizer (Control Device RTOX2) to control VOC emissions from the Wastewater Pre-treatment Plant, (2) modification of Emission Unit 1-TANKS to reduce the “3-hour waiting period” for start-up of the RTO, and (3) defining equipment that can continue to operate in the event of an unplanned/emergency shutdown of RTO #1 or RTO #2.

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: KATE KORNAK
NYSDEC - REGION 4
1130 N WESTCOTT RD
SCHENECTADY, NY 12306-2014

Authorized Signature: _____ Date: ___ / ___ / ____

Facility DEC ID: 4122800027

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.

Facility DEC ID: 4122800027

PAGE LOCATION OF CONDITIONS

PAGE

DEC GENERAL CONDITIONS

General Provisions

- 4 1 Facility Inspection by the Department
- 4 2 Relationship of this Permit to Other Department Orders and Determinations
- 4 3 Applications for permit renewals, modifications and transfers
- 5 4 Permit modifications, suspensions or revocations by the Department

Facility Level

- 5 5 Submission of application for permit modification or renewal-REGION 4 SUBOFFICE - STAMFORD

Facility DEC ID: 4122800027

DEC GENERAL CONDITIONS

****** General Provisions ******

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

GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

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

Item 3.3

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

Facility DEC ID: 4122800027

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 4
SUBOFFICE - STAMFORD
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 4 Sub-office
Division of Environmental Permits
65561 State Highway 10, Suite 1
Stamford, NY 12167-9503
(607) 652-7364

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To: Friesland Campina Ingredients North America Inc
40196 St Hwy 10
Delhi, NY 13753

Facility: FCINA - DELHI
40196 ST HWY 10
DELHI, NY 13753

Authorized Activity By Standard Industrial Classification Code:
2023 - CONDENSED AND EVAPORATED MILK

Permit Effective Date: 09/21/2022

Permit Expiration Date: 09/20/2027

PAGE LOCATION OF CONDITIONS

PAGE

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

7	1	6 NYCRR 200.6: Acceptable Ambient Air Quality
8	2	6 NYCRR 201-6.4 (a) (7): Fees
8	3	6 NYCRR 201-6.4 (c): Recordkeeping and Reporting of Compliance Monitoring
8	4	6 NYCRR 201-6.4 (c) (2): Records of Monitoring, Sampling, and Measurement
8	5	6 NYCRR 201-6.4 (c) (3) (ii): Compliance Certification
11	6	6 NYCRR 201-6.4 (e): Compliance Certification
13	7	6 NYCRR 202-2.5: Recordkeeping requirements
13	8	6 NYCRR 215.2: Open Fires - Prohibitions
14	9	6 NYCRR 200.7: Maintenance of Equipment
14	10	6 NYCRR 201-1.7: Recycling and Salvage
15	11	6 NYCRR 201-1.8: Prohibition of Reintroduction of Collected Contaminants to the air
15	12	6 NYCRR 201-3.2 (a): Exempt Sources - Proof of Eligibility
15	13	6 NYCRR 201-3.3 (a): Trivial Sources - Proof of Eligibility
15	14	6 NYCRR 201-6.4 (a) (4): Requirement to Provide Information
15	15	6 NYCRR 201-6.4 (a) (8): Right to Inspect
16	16	6 NYCRR 202-1.1: Required Emissions Tests
16	17	40 CFR Part 68: Accidental release provisions.
17	18	40CFR 82, Subpart F: Recycling and Emissions Reduction
17	19	6 NYCRR Subpart 201-6: Emission Unit Definition
18	20	6 NYCRR 201-6.4 (d) (4): Progress Reports Due Semiannually
19	21	6 NYCRR 201-6.4 (f): Operational Flexibility
19	22	6 NYCRR 201-6.4 (f) (2): Compliance Certification
21	23	6 NYCRR 202-2.4 (a) (3): Statement dates for emissions statements.
22	24	6 NYCRR 211.2: Visible Emissions Limited
22	25	6 NYCRR 212-1.6 (a): Compliance Certification
24	26	6 NYCRR 212-1.7 (b) (1): Compliance Certification
25	27	6 NYCRR 212-2.3 (b): Compliance Certification
26	28	6 NYCRR 212-2.4 (b): Compliance Certification
27	29	6 NYCRR 212-2.4 (b): Compliance Certification
28	30	6 NYCRR 212-2.4 (b): Compliance Certification
29	31	6 NYCRR 212-2.4 (b): Compliance Certification
30	32	6 NYCRR 212-3.1 (c) (4) (i): Compliance Certification
31	33	6 NYCRR 212-3.1 (c) (4) (i): Compliance Certification
32	34	6 NYCRR 212-3.1 (c) (4) (i): Compliance Certification
33	35	6 NYCRR 212-3.1 (c) (4) (i): Compliance Certification
34	36	6 NYCRR 212-3.1 (c) (4) (i): Compliance Certification
35	37	6 NYCRR 212-3.1 (c) (4) (i): Compliance Certification
37	38	6 NYCRR 212-3.1 (c) (4) (i): Compliance Certification
38	39	6 NYCRR 212-3.1 (c) (4) (i): Compliance Certification
39	40	6 NYCRR 212-3.1 (c) (4) (i): Compliance Certification
41	41	6 NYCRR 212-3.1 (c) (4) (i): Compliance Certification
42	42	6 NYCRR 212-3.1 (c) (4) (i): Compliance Plan
43	43	6 NYCRR 225-1.2 (d): Compliance Certification

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

- 43 44 6 NYCRR 225-1.6 (f): Compliance Certification
- 44 45 6 NYCRR Subpart 226-1: Compliance Certification
- 46 46 6 NYCRR 227-1.3 (c): Compliance Certification
- 47 47 6 NYCRR 227-1.4 (a): Compliance Certification
- 49 48 6 NYCRR 231-11.2 (b): Compliance Certification
- 49 49 6 NYCRR 231-11.2 (c): Compliance Certification
- 51 50 40CFR 60, NSPS Subpart A: Applicability of Subpart A General Provisions
- 51 51 40CFR 60.48c(d), NSPS Subpart Dc: Compliance Certification
- 52 52 40CFR 60.48c(e), NSPS Subpart Dc: Compliance Certification
- 53 53 40CFR 60.48c(f)(1), NSPS Subpart Dc: Compliance Certification
- 54 54 40CFR 60.48c(g), NSPS Subpart Dc: Compliance Certification
- 55 55 40CFR 60.48c(i), NSPS Subpart Dc: Compliance Certification
- 56 56 40CFR 63, Subpart A: Compliance Certification
- 57 57 40CFR 63.7500(a)(3), Subpart DDDDD: Good air pollution control practices
- 57 58 40CFR 63.7540(a)(12), Subpart DDDDD: Compliance Certification
- 59 59 40CFR 63.7540(a)(12), Subpart DDDDD: Compliance Certification
- 59 60 40CFR 63.7545(a), Subpart DDDDD: Notification Requirements
- 60 61 40CFR 63.7545(f), Subpart DDDDD: Use of alternative fuel notification
- 60 62 40CFR 63.7545(h), Subpart DDDDD: Fuel switching notification
- 61 63 40CFR 63.7550, Subpart DDDDD: Compliance Certification
- 62 64 40CFR 63.7555(a), Subpart DDDDD: Compliance Certification
- 63 65 40CFR 63.7555(h), Subpart DDDDD: Compliance Certification
- Emission Unit Level**
- 64 66 6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
- 65 67 6 NYCRR Subpart 201-6: Process Definition By Emission Unit

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 73 68 ECL 19-0301: Contaminant List
- 73 69 6 NYCRR 201-1.4: Malfunctions and Start-up/Shutdown Activities

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

FEDERALLY ENFORCEABLE CONDITIONS

Renewal 4/FINAL

**** Facility Level ****

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

- Item A: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)**
The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.
- Item B: Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (a) (4)**
Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.
- Item C: Certification by a Responsible Official - 6 NYCRR 201-6.2 (d) (12)**
Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- Item D: Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (a) (2)**
The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.
- Item E: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (a) (3)**
This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

planned changes or anticipated noncompliance does not stay any permit condition.

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

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

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

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

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

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

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

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

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

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

- iii. The applicable requirements of Title IV of the Act;
- iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

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

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

- i. When additional applicable requirements under the act become applicable to a title V facility with a remaining permit term of three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the department pursuant to the provisions of section 201- 6.6 of this Subpart.
- ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
- iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.
- iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

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

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Item K: Permit Exclusion - ECL 19-0305

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

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

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

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

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

Condition 1: Acceptable Ambient Air Quality
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement: 6 NYCRR 200.6

Item 1.1:

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

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Condition 2: Fees
Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 2.1:

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

Condition 3: Recordkeeping and Reporting of Compliance Monitoring
Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 3.1:

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

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

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

Condition 4: Records of Monitoring, Sampling, and Measurement
Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 4.1:

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

Condition 5: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Applicable Federal Requirement: 6 NYCRR 201-6.4 (c) (3) (ii)**Item 5.1:**

The Compliance Certification activity will be performed for the Facility.

Item 5.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

Notify the Department and report permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations shall be submitted to the permitting authority based on the following schedule:

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

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

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

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

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

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

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

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

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2023.

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

Condition 6: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 6.1:

The Compliance Certification activity will be performed for the Facility.

Item 6.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

- i. Compliance certifications shall contain:
 - the identification of each term or condition of the permit that is the basis of the certification;
 - the compliance status;
 - whether compliance was continuous or intermittent;
 - the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
 - such other facts as the Department may require to determine the compliance status of the facility as specified in any special permit terms or conditions; and
 - such additional requirements as may be specified elsewhere in this permit related to compliance certification.

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

iv. All annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

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

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer
NYSDEC Region 4 Headquarters
1130 North Westcott Road
Schenectady, NY 12306-2014

The address for the BQA is as follows:

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

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Reports due 30 days after the reporting period.
The initial report is due 1/30/2023.
Subsequent reports are due on the same day each year

Condition 7: Recordkeeping requirements
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 7.1:

(a) The following records shall be maintained for at least five years:

(1) a copy of each emission statement submitted to the department; and

(2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

Condition 8: Open Fires - Prohibitions
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement:6 NYCRR 215.2

Item 8.1:

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 8.2

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.

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

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

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

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

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

**Condition 9: Maintenance of Equipment
Effective between the dates of 09/21/2022 and 09/20/2027**

Applicable Federal Requirement:6 NYCRR 200.7

Item 9.1:

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 10: Recycling and Salvage
Effective between the dates of 09/21/2022 and 09/20/2027**

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 10.1:

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

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Condition 11: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 11.1:

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

Condition 12: Exempt Sources - Proof of Eligibility
Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 12.1:

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

Condition 13: Trivial Sources - Proof of Eligibility
Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 13.1:

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

Condition 14: Requirement to Provide Information
Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 14.1:

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

Condition 15: Right to Inspect
Effective between the dates of 09/21/2022 and 09/20/2027

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

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

Item 15.1:

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

- (i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- (ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- (iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and
- (iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

**Condition 16: Required Emissions Tests
Effective between the dates of 09/21/2022 and 09/20/2027**

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 16.1:

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

**Condition 17: Accidental release provisions.
Effective between the dates of 09/21/2022 and 09/20/2027**

Applicable Federal Requirement:40 CFR Part 68

Item 17.1:

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

- a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;
- b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:
 - 1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

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 18: Recycling and Emissions Reduction
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement: 40CFR 82, Subpart F

Item 18.1:
 The permittee shall comply with all applicable provisions of 40 CFR Part 82.

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

Condition 19: Emission Unit Definition
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement: 6 NYCRR Subpart 201-6

Item 19.1:
 The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 1-BOILR
 Emission Unit Description:

This emission unit consists of two boilers used to provide building heat and process steam. The boilers burn natural gas and No. 2 fuel oil during periods of natural gas curtailment. Boilers No. 1 and No. 2 vent to a common exhaust.

Building(s): 1

Item 19.2:
 The facility is authorized to perform regulated processes under this permit for:

Emission Unit: 1-DRYER
 Emission Unit Description:

This emission unit consists of a spray tower dryer, V-Bottom dryer, packaging operations associated with the spray tower dryer, and room emissions from the Rogers Evaporator Room. The dryers are used to dry protein powders.

Building(s): 1

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Item 19.3:

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

Emission Unit: 1-ENZYM

Emission Unit Description:

This emission unit consists of all enzyme processing operations (“weigh out” and loading operations), a finished product dry blender and associated packaging operations, and packaging operations associated with the V-bottom dryer.

Building(s): 1

Item 19.4:

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

Emission Unit: 1-TANKS

Emission Unit Description:

This emission unit consists of digesters, process holding tanks, mixing vessels, balance tanks, a glass lined reactor, wet blend operations, miscellaneous equipment, and a wastewater system collection pit. Emission control devices include a venturi scrubber, wet scrubber, and regenerative thermal oxidizer (RTO #1).

Building(s): 1

Item 19.5:

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

Emission Unit: 2-WWPTP

Emission Unit Description:

This emission unit consists of wastewater pre-treatment operations including Equalization Tank #1, Calamity Tank, Buffer Tank, two wastewater pre-treatment trains, and other fugitive emissions. VOC emissions from the Equalization Tank, Calamity Tank, and Buffer Tank will be collected and controlled by a regenerative thermal oxidizer (RTO #2).

Building(s): OUTDR

Condition 20: Progress Reports Due Semiannually
Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 20.1:

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

- (i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 21: Operational Flexibility

Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 21.1:

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

Condition 22: Compliance Certification

Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 22.1:

The Compliance Certification activity will be performed for the Facility.

Item 22.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operational Flexibility Plan

Plan Objective

The objective of this Plan is to maximize operational flexibility by building capability into FrieslandCampina’s Title V Permit to enable the facility to make administrative and/or minor changes following a preestablished protocol as allowed for in 6 NYCRR Part 201-6.4(f). As provided under 6 NYCRR Part 201-6.4(f)(2), changes made under an approved protocol are not subject to the Title V permit modification provisions under 6 NYCRR Part 201-6.6.

This plan does not address those types of changes that would invoke the requirements of Part 201-6.6(d) for significant permit modifications. Rather, it addresses changes that qualify as minor modifications pursuant to the criteria specified by 6 NYCRR Part 201-6.6(c)(1)(i) - (v) that:

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

- (i) Do not violate any applicable requirement;
- (ii) Do not involve significant changes to existing monitoring, reporting, or record keeping requirements in the permit and are not otherwise a significant change in the permit.
- (iii) Do not require or change a case-by-case determination of a Federal emission limitation or other Federal standard, or a specific determination for portable sources causing adverse ambient impacts, or a visibility or increment analysis.
- (iv) Do not seek to establish or change a permit term or condition that the facility has assumed to avoid an applicable requirement to which the emission source would otherwise be subject. Such terms and conditions include:
 - (a) a federally enforceable emissions cap assumed to avoid classification as a modification under any provision of Title I of the Act, including 6 NYCRR Part 231; or
 - (b) an alternative emissions limit approved pursuant to the early reduction program under Section 112 of the Act.
- (v) Are not modifications under any provision of title I of the act resulting in an NSR major modification as defined and regulated under 6 NYCRR Part 231.

Protocol for Changes

- (1) Certain changes which meet the criteria under (i) - (iii) below may be conducted without prior approval of the Department and shall not require modification of the permit. The facility owner and/or operator must maintain records of the date and description of such changes and make such records available for review by Department representatives upon request.
 - (i) changes that do not cause emissions to exceed any emission limitation contained in regulations or applicable requirements under Title 6 NYCRR and/or Title 40 CFR;
 - (ii) changes which do not cause the subject emission unit, emission source, process, or emission point to become subject to any additional regulations or requirements under Title 6 NYCRR and/or Title 40 CFR;
 - (iii) changes that do not seek to establish or modify a federally enforceable emission cap or limit.
- (2) In addition to the record keeping required under (1)

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

above, the permittee must notify the Department in writing at least 30 calendar days in advance of making changes involving:

- (i) the installation or relocation of any emission source, process, or emission point within a facility;
- (ii) the emission of any air pollutant not previously authorized or emitted in accordance with a permit issued by the Department;
- (iii) the installation or alteration of any air cleaning installation, device or control equipment; and
- (iv) an increase in emissions of high toxicity air contaminants, or the emission of a high toxicity air contaminant not previously emitted by the facility.

(3) The Department may require a permit modification in order to impose new applicable requirements or permit conditions if it determines that changes proposed pursuant to notification under (2) above do not meet the criteria under (1) or the change may have a significant air quality impact. In such cases the Department may require that the permittee not undertake the proposed change until it completes a more detailed review of the potential air quality impacts and/or applicable requirements.

The Department shall respond to the permittee in writing with such a determination within 15 days of receipt of the 30 day advance notification from the permittee. The Department's determination shall include a listing of information necessary to further review the proposed change.

Reporting

On an annual basis, the facility must submit a summary of all changes made under the Protocol for Changes during that year. This summary is to be submitted as part of the annual compliance certification pursuant to 6 NYCRR 201-6.4(e). If no changes are made pursuant to this protocol, the annual compliance certification shall contain a statement to that effect.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 23: Statement dates for emissions statements.
Effective between the dates of 09/21/2022 and 09/20/2027**

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Applicable Federal Requirement:6 NYCRR 202-2.4 (a) (3)

Item 23.1:

This facility is required to submit an annual emission statement electronically and these emissions statements must be submitted to the department as per the following schedule:

- (i) March 15th of each year for facilities with three or fewer processes listed in their Title V permit:
- (ii) March 31st of each year for facilities with four to six processes listed in their Title V permit:
- (iii) April 15th of each year for facilities with 7 to 12 processes listed in their Title V permit:
- (iv) April 30th of each year for facilities with 13 or more processes listed in their Title V permit.

Condition 24: Visible Emissions Limited
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement:6 NYCRR 211.2

Item 24.1:

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 25: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 25.1:

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

Emission Unit: 1-DRYER	Emission Point: 10003
Emission Unit: 1-DRYER	Emission Point: 10004
Emission Unit: 1-DRYER	Emission Point: 10095
Emission Unit: 1-ENZYM	Emission Point: 10093
Emission Unit: 1-TANKS	Emission Point: 10006
Emission Unit: 1-TANKS	Emission Point: 10098
Emission Unit: 1-TANKS	Emission Point: 10099

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Item 25.2:

Compliance Certification 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 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

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2023.

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

Condition 26: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement: 6 NYCRR 212-1.7 (b) (1)

Item 26.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-TANKS

Process: 015

Emission Source: RTOXR

Emission Unit: 2-WWPTP

Process: 201

Emission Source: RTOX2

Item 26.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

To ensure compliance with the RACT requirements of 6 NYCRR 212-3.1(c)(4)(i) as well as to satisfy the monitoring requirements of 6 NYCRR 212-1.7(b)(1), the thermocouples associated with the Regenerative Thermal Oxidizer #1 (Control ID RTOXR) and Regenerative Thermal Oxidizer #2 (Control ID RTOX2) shall be calibrated at a frequency and in a manner consistent with manufacturer's specifications, but no less frequent than once per year.

The facility owner or operator shall maintain a record of each such calibration that indicates the date the calibration was performed, the results of the calibration, and any other maintenance or corrective action taken.

All records kept pursuant to this condition shall be maintained on site for a period of at least five years, and must be made available to the Department upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

The initial report is due 1/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 27: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 27.1:

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

Emission Unit: 1-ENZYM

Process: 012

Emission Source: ESCRB

Regulated Contaminant(s):

CAS No: 009014-01-1 SUBTILISIN

Item 27.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

The enzyme weigh out and loading process emits less than 0.1 pounds per hour of Subtilisin (fermentation product), which is listed as a HTAC in Table 2 of 6 NYCRR Section 212-2.2. These emissions have been assigned an A rating by the Department. Accordingly, the facility owner or operator must demonstrate that the emissions from this process meet and will continue to meet the short term guideline concentration specified in the Department's DAR-1 guidance document, as required by Table 4 of 6 NYCRR Subdivision 212-2.3(b). The facility has provided an air dispersion modeling analysis indicating compliance with this requirement based on the operation of a wet scrubber.

The facility shall demonstrate continuous compliance with the requirements of Table 4 by maintaining the wet scrubber outlet water pressure at greater than or equal to 15 psi. Demonstrating compliance with this limit also demonstrates compliance with the 0.050 grains per dry standard cubic foot standard for particulate matter at 6 NYCRR Subdivision 212-2.4(b).

The facility owner or operator shall monitor the wet scrubber outlet pressure once daily to determine compliance with this requirement. The facility shall maintain a logbook of the daily checks. The logbook shall contain the following information at a minimum: the date and time of each check, the wet scrubber outlet pressure reading, any excursions, and any corrective action taken.

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

The facility owner or operator shall conduct an updated dispersion modeling analysis or stack test upon request by the Department.

Parameter Monitored: PRESSURE
 Upper Permit Limit: 15 pounds per square inch gauge
 Monitoring Frequency: DAILY
 Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2023.
 Subsequent reports are due every 6 calendar month(s).

Condition 28: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 28.1:

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

Emission Unit: 1-TANKS Emission Point: 10006

Emission Unit: 1-TANKS Emission Point: 10098

Emission Unit: 1-TANKS Emission Point: 10099

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

Item 28.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Particulate emissions from the emission points referenced above are limited to 0.050 gr/dscf. The facility shall demonstrate continuous compliance with the emission rate by maintaining the outlet water pressure of the wet scrubber (control device SCRB2) greater than or equal to 15 psi.

The facility owner or operator shall monitor the wet scrubber outlet water pressure once daily to check that it is in the normal operating level of greater than or equal to 15 psi. The facility owner or operator shall maintain a logbook of the daily wet scrubber outlet pressure checks. The logbook shall include, at a minimum, the date and time

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

of each check, the wet scrubber outlet pressure readings, any excursions, and any corrective action taken.

Stack testing to demonstrate compliance with the particulate emission standard will be performed at the request of the Department.

Parameter Monitored: PRESSURE
 Upper Permit Limit: 15 pounds per square inch gauge
 Monitoring Frequency: DAILY
 Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE AT ANY TIME
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2023.
 Subsequent reports are due every 6 calendar month(s).

Condition 29: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 29.1:

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

Emission Unit: 1-DRYER Emission Point: 10095

Item 29.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Particulate emissions from Emission Point 10095 are limited to 0.050 gr/dscf. To ensure compliance with this requirement, the facility owner or operator shall visually examine the cartridge filters whenever a full tower clean-in-place (CIP) is performed. The filters shall be cleaned or replaced as necessary.

The facility owner or operator shall maintain records of each tower CIP and filter check. The logbook shall include, at a minimum, the date of each check, the condition of the filters during the check, whether any filter was changed, and the name or initials of the operator performing the check.

Stack testing to demonstrate compliance with the particulate emission standard will be performed at the request of the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2023.
 Subsequent reports are due every 6 calendar month(s).

Condition 30: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 30.1:

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

Emission Unit: 1-DRYER Emission Point: 10004

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

Item 30.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Particulate emissions from Emission Point 10004 are limited to 0.050 gr/dscf. The facility shall demonstrate continuous compliance with the emission rate by maintaining the pressure drop across the fabric filter within the operating range of 0.5 inches of water column to 6 inches of water column.

The facility shall monitor the pressure drop across the fabric filter once daily to check that it is within the normal operating range of 0.5 inches of water column to 6 inches of water column. The facility shall maintain a logbook of the daily pressure drop checks. The logbook shall include, at a minimum, the date and time of the checks, the pressure drop readings, any excursions, and any corrective actions.

Stack testing to demonstrate compliance with the particulate emission standard will be performed at the request of the Department.

Parameter Monitored: PRESSURE CHANGE
 Lower Permit Limit: 0.5 inches of water
 Upper Permit Limit: 6 inches of water
 Monitoring Frequency: DAILY
 Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

The initial report is due 1/30/2023.
 Subsequent reports are due every 6 calendar month(s).

Condition 31: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 31.1:

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

Emission Unit: 1-DRYER Emission Point: 10003

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

Item 31.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Particulate emissions from Emission Point 10003 are limited to 0.050 gr/dscf. The facility shall demonstrate continuous compliance with the emission rate by maintaining the wet scrubber outlet water pressure at greater than or equal to 30 psi.

The facility shall monitor the wet scrubber outlet water pressure once daily to check that it is in the normal operating level of greater than or equal to 30 psi. The facility shall maintain a logbook of the daily wet scrubber outlet pressure checks. The logbook shall include, at a minimum, the date and time of the checks, the wet scrubber outlet water pressure readings, any excursions, and any corrective actions.

Stack testing to demonstrate compliance with the particulate emission standard will be performed at the request of the Department.

Parameter Monitored: PRESSURE
 Upper Permit Limit: 30 pounds per square inch gauge
 Monitoring Frequency: DAILY
 Averaging Method: MINIMUM - NOT TO FALL BELOW STATED
 VALUE AT ANY TIME
 Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
 Reports due 30 days after the reporting period.
 The initial report is due 1/30/2023.
 Subsequent reports are due every 6 calendar month(s).

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Condition 32: Compliance Certification

Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement: 6 NYCRR 212-3.1 (c) (4) (i)

Item 32.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-TANKS

Process: 015

Emission Source: RTOXR

Emission Unit: 2-WWPTP

Process: 201

Emission Source: RTOX2

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 32.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The facility owner or operator shall operate each regenerative thermal oxidizer (RTO) and each VOC capture system such that it achieves an overall removal efficiency for volatile organic compounds of at least 95%.

The facility owner or operator shall perform a stack test of each RTO once every five years to demonstrate compliance with this requirement. A testing protocol describing the methods that will be used to conduct the required testing and the methods that will be used to determine the overall removal efficiency shall be submitted to the Department for approval at least 30 days in advance of the scheduled testing date. A test report describing the results of the stack testing shall be submitted to the Department no later than 60 days following the conclusion of testing.

The facility owner or operator shall maintain a copy of each test report created pursuant to this condition at the facility for a period of at least five years from the date of the report. A copy of the report shall be provided to the Department upon request.

Parameter Monitored: DESTRUCTION EFFICIENCY

Lower Permit Limit: 95 percent

Reference Test Method: EPA Reference Test Method 25 or Equivalent

Monitoring Frequency: Once every five years

Averaging Method: Arithmetic average of stack test runs

Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Condition 33: Compliance Certification

Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement: 6 NYCRR 212-3.1 (c) (4) (i)

Item 33.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-TANKS

Process: 015

Emission Source: RTOXR

Emission Unit: 2-WWPTP

Process: 201

Emission Source: RTOX2

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 33.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner or operator shall develop, implement, and maintain a written procedure describing the operational requirements of each regenerative thermal oxidizer (RTO). The procedure shall include procedures for start-up, shutdown, and malfunction.

In addition, the procedure shall include a form to be completed for each scheduled shutdown of the RTO. The form shall include the following information at a minimum:

1. The date of each scheduled manufacturing shutdown;
2. A description of the last manufacturing batch that contained VOCs including the product, batch, date and time the production run began, date and time that the HTST process was completed, and initials of the shift supervisor; and
3. Information indicating the actual date and time of the shutdown of RTO #1 and RTO #2 and the initials of the shift supervisor

Each record generated pursuant to this condition shall be maintained on site for a period of at least five years from the date of the record and must be made available to the Department upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2023.

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

Condition 34: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement: 6 NYCRR 212-3.1 (c) (4) (i)

Item 34.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 2-WWPTP

Process: 201

Item 34.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner or operator shall complete installation, operation, and testing of the control equipment described in the 'Control of VOC Emissions from the WWPTP Flow Equalization System' document dated June 2021 and in accordance with the following schedule:

1. Complete site preparation for the Phase II VOC RACT controls by September 1, 2022;
2. Complete construction and installation of the Phase II VOC RACT controls by October 28, 2022;
3. Submit an emissions testing protocol meeting the requirements of 6 NYCRR Subpart 202 to the Department for approval by November 1, 2022;
4. Complete equipment debugging and commence full-scale operation of the Phase II VOC RACT controls by November 25, 2022;
5. Conduct emissions testing of the Phase II VOC RACT controls within 180 days of the Department's approval of the testing protocol required by item 3 above; and
6. Submit a final test report to the Department no later than 60 days following the completion of the testing required by item 5 above.

Upon a written demonstration of cause by the facility owner or operator, the Department may extend any of the

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

deadlines described above. Any such request for extension shall be accompanied by an explanation of the cause of the delay, any necessary supporting documentation, and a proposed schedule revision. Requests for extension shall be submitted no later than 15 days prior to the applicable milestone date.

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 1/30/2023.

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

Condition 35: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement: 6 NYCRR 212-3.1 (c) (4) (i)

Item 35.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-TANKS

Process: 015

Emission Unit: 2-WWPTP

Process: 201

Item 35.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

At all times, the facility owner or operator must operate and maintain RTO #2 (Control Device RTOX2) and all associated equipment in a manner consistent with safety, good air pollution control practices, good engineering practices and manufacturers' recommendations for minimizing emissions.

In the event of an unplanned/emergency outage of RTO #2, the facility owner or operator shall comply with the following:

Emissions from Equalization Tank 1, Calamity Tank, and Buffer Tank (Emission Sources WVEQ1, WWCAL, and WWBUF) will be directly vented via Emission Point 20098.

Immediately following the unplanned/emergency shutdown of RTO #2, the facility owner or operator may continue to operate any piece of process equipment listed under

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

monitoring requirements of 6 NYCRR 212-1.7(b), the facility owner or operator shall operate Regenerative Thermal Oxidizer #2 (Control Device RTOX2) at all times, except during a scheduled manufacturing shutdown period.

After the three hour start-up period described elsewhere in this permit, the temperature within the combustion chamber shall be continuously monitored and maintained at or above 1500 degrees Fahrenheit on a 3-hour rolling average basis. The facility owner or operator shall record the rolling 3-hour average temperature at least once per minute.

If the facility is going into a scheduled manufacturing shutdown and the last manufacturing campaign requires the use of VOC in the manufacturing formulation, the facility shall operate RTO #2 for at least twenty four (24) hours after the completion of the HTST process. If the final product manufactured prior to the scheduled shutdown does not use a VOC in the manufacturing formulation, the facility may shut down RTO #2 immediately after the last manufacturing campaign that required the use of a VOC material in the manufacturing formulation.

The facility owner or operator shall operate RTO #2 at or above the specified minimum combustion chamber temperature until a stack test has been performed that demonstrates that the overall removal efficiency can be achieved with a lower combustion temperature. The performance test shall be conducted pursuant to a testing protocol approved by the Department. The facility owner or operator shall prepare and submit a minor permit modification application prior to using a lower operating temperature.

All records kept pursuant to this condition shall be maintained on site for a period of at least five years, and must be made available to the Department upon request.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1500 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 3-HOUR ROLLING AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 37: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Applicable Federal Requirement: 6 NYCRR 212-3.1 (c) (4) (i)**Item 37.1:**

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

Emission Unit: 2-WWPTP

Process: 201

Emission Source: RTOX2

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 37.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

To ensure compliance with the RACT requirements of 6 NYCRR 212-3.1(c)(4)(i) as well as to satisfy the monitoring requirements of 6 NYCRR 212-1.7(b), the facility owner or operator shall utilize the Regenerative Thermal Oxidizer #2 (Control Device RTOX2) at all times, except during a scheduled manufacturing shutdown period.

A manufacturing campaign may begin when RTO #2 has reached a minimum temperature of 1500 degrees Fahrenheit and RTO #1 has reached the minimum temperature described elsewhere in this permit. For the first three hours after reaching this minimum temperature, the temperature within the combustion chamber of RTO #2 shall be continuously monitored and maintained at or above 1500 degrees Fahrenheit on an instantaneous basis. The facility owner or operator shall record all instantaneous temperature monitoring data during this period. Each period of start-up shall not exceed three hours.

The facility owner or operator shall operate RTO #2 at or above the specified minimum combustion chamber temperature until a stack test has been performed that demonstrates that the overall removal efficiency can be achieved with a lower combustion temperature. The performance test shall be conducted pursuant to a testing protocol approved by the Department. The facility owner or operator shall prepare and submit a minor permit modification application prior to using a lower operating temperature.

All records kept pursuant to this condition shall be maintained on site for a period of at least five years, and must be made available to the Department upon request.

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

materials in the manufacturing formulation shall be included in the semiannual report submitted by the facility.

Each record generated pursuant to this condition must be kept on site for a period of at least five years from the date of the record, and must be made available to the Department upon request.

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 1/30/2023.

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

Condition 39: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement: 6 NYCRR 212-3.1 (c) (4) (i)

Item 39.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-TANKS

Process: 015

Item 39.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

At all times, the facility owner or operator must operate and maintain RTO #1 (Control Device RTOXR) and all associated equipment in a manner consistent with safety, good air pollution control practices, good engineering practices and manufacturers' recommendations for minimizing emissions.

In the event of an unplanned/emergency outage of RTO #1, the facility owner or operator shall comply with the following:

Emissions from the Wastewater Collection Pit (Emission Source WWPIT) will be directly vented via Emission Point 10098. Emissions from all other emission sources in Process 015 will be vented to Emission Point 10006. During the outage of RTO #1, the building scrubber system (Control Devices VENTR and SCRB2 in series) will continue to operate.

Immediately following the unplanned/emergency shutdown of

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

RTO #1, the facility owner or operator may continue to operate any piece of process equipment listed under Process 015 that does not contain VOC.

Until RTO #1 is brought back online and is at or above the required operating temperature, the facility owner or operator shall take the following actions regarding each piece of equipment listed in Process 015 that contains VOC:

1. The facility owner or operator shall bring each piece of equipment to a "safe state" such that emissions have been minimized to the extent possible;
2. The facility owner or operator shall not add or transfer materials into the equipment;
3. The facility owner or operator shall not discharge any HTST condensate to the Wastewater Collection Pit (Emission Source WWPIT); and
4. The facility owner or operator shall document the unplanned/emergency shutdown as required elsewhere in this permit.

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 1/30/2023.

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

Condition 40: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement: 6 NYCRR 212-3.1 (c) (4) (i)

Item 40.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-TANKS

Process: 015

Emission Source: RTOXR

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 40.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

To ensure compliance with the RACT requirements of 6 NYCRR 212-3.1(c)(4)(i) as well as to satisfy the monitoring requirements of 6 NYCRR 212-1.7(b), the facility owner or operator shall operate Regenerative Thermal Oxidizer #1 (Control Device RTOXR) at all times, except during a scheduled manufacturing shutdown period.

After the three hour start-up period described elsewhere in this permit, the temperature within the combustion chamber shall be continuously monitored and maintained at or above 1500 degrees Fahrenheit on a 3-hour rolling average basis. The facility owner or operator shall record the rolling 3-hour average temperature at least once per minute.

If the facility is going into a scheduled manufacturing shutdown and the last manufacturing campaign requires the use of VOC in the manufacturing formulation, the facility shall operate RTO #1 for at least two hours after the completion of the HTST process. If the final product manufactured prior to the scheduled shutdown does not use a VOC in the manufacturing formulation, the facility may shut down RTO #1 immediately after the last manufacturing campaign that required the use of a VOC material in the manufacturing formulation.

The facility owner or operator shall operate RTO #1 at or above the specified minimum combustion chamber temperature until a stack test has been performed that demonstrates that the overall removal efficiency can be achieved with a lower combustion temperature. The performance test shall be conducted pursuant to a testing protocol approved by the Department. The facility owner or operator shall prepare and submit a minor permit modification application prior to using a lower operating temperature.

All records kept pursuant to this condition shall be maintained on site for a period of at least five years, and must be made available to the Department upon request.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1500 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 3-HOUR ROLLING AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 41: Compliance Certification

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement: 6 NYCRR 212-3.1 (c) (4) (i)**Item 41.1:**

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-TANKS

Process: 015

Emission Source: RTOXR

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 41.2:

Compliance Certification shall include the following monitoring:

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

Monitoring Description:

To ensure compliance with the RACT requirements of 6 NYCRR 212-3.1(c)(4)(i) as well as to satisfy the monitoring requirements of 6 NYCRR 212-1.7(b), the facility owner or operator shall utilize the Regenerative Thermal Oxidizer #1 (Control Device RTOXR) at all times, except during a scheduled manufacturing shutdown period.

A manufacturing campaign may begin when RTO #1 has reached a minimum temperature of 1500 degrees Fahrenheit and RTO #2 has reached a minimum temperature as described elsewhere in this permit. For the first three hours after reaching this minimum temperature, the temperature within the combustion chamber of RTO #1 shall be continuously monitored and maintained at or above 1500 degrees Fahrenheit on an instantaneous basis. The facility owner or operator shall record all instantaneous temperature monitoring data during this period. Each period of start-up shall not exceed three hours.

The facility owner or operator shall operate RTO #1 at or above the specified minimum combustion chamber temperature until a stack test has been performed that demonstrates that the overall removal efficiency can be achieved with a lower combustion temperature. The performance test shall be conducted pursuant to a testing protocol approved by the Department. The facility owner or operator shall prepare and submit a minor permit modification application prior to using a lower operating temperature.

All records kept pursuant to this condition shall be maintained on site for a period of at least five years, and must be made available to the Department upon

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

request.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1500 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED
VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 42: Compliance Plan
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement: 6 NYCRR 212-3.1 (c) (4) (i)

Item 42.1:

Compliance will be achieved according to the following schedule for the Facility:

Consent Order: 2021051749

Item 42.2:

Remedial Measure:

Schedule Date:

Complete installation and testing of Phase II VOC RACT
controls

Intermediate Milestones:

Schedule Date: 09/01/2022

Complete site preparation for Phase II VOC RACT controls

Schedule Date: 10/28/2022

Complete construction and installation of Phase II VOC
RACT controls

Schedule Date: 11/01/2022

Submit an emissions testing protocol meeting the
requirements of 6 NYCRR Part 202 to the Department for
approval

Schedule Date: 11/25/2022

Complete equipment debugging and commence full-scale
operation of Phase II VOC RACT controls

Schedule Date:

Conduct emissions testing of the Phase II VOC RACT
controls within 180 days of the Department's approval of
the testing protocol

Schedule Date:

Submit a final testing report to the Department within 60
days following the completion of testing

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Condition 43: Compliance Certification

Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 43.1:

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

Emission Unit: 1-BOILR
Process: OIL

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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

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

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: 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: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 44: Compliance Certification

Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 44.1:

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

Emission Unit: 1-BOILR
Process: OIL

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Item 44.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: QUARTERLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 10/30/2022.

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

Condition 45: Compliance Certification

Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement:6 NYCRR Subpart 226-1

Item 45.1:

The Compliance Certification activity will be performed for the Facility.

Item 45.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Cold cleaning degreasers at this facility are exempt from permitting requirements but are nonetheless subject to the following requirements of 6 NYCRR Subpart 226-1. Because these sources are exempt from permitting, these requirements are not subject to compliance certification requirements.

A. Equipment Specifications

The following types of control equipment must be used when conducting cold cleaning degreasing when the internal volume of the unit is greater than 2 gallons:

- (1) A cover which can be operated easily.

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

- (2) An internal drainage facility (under cover), if practical.
- (3) A control system that limits VOC emissions to those achievable with equipment having a freeboard ratio greater than or equal to 0.5, or a water cover when the solvent is insoluble in and heavier than water. This does not apply to remote reservoir degreasers.
- (4) Cleaning solution with a maximum VOC content of 25 grams per liter at 20C. This paragraph does not apply to degreasers:
 - (i) used in special and extreme solvent cleaning;
 - (ii) for which the owner or operator has received department approval of a demonstration that compliance with the requirement of a cleaning solution with a maximum VOC content of 25 grams per liter at 20C, or with a vapor pressure of 1.0 mm Hg, or less, at 20°C will result in unsafe operating conditions; or
 - (iii) that are located in a permanent total enclosure having control equipment that is designed and operated with an overall VOC removal efficiency of 90 percent or greater.
- (5) Cleaning solution used to clean post-solder printed circuit boards (PCB's) as well as critical adjunct processes, including the cleaning of raw solder paste and adhesives from hard surfaces, such as stencils and misprinted boards during the printing process, and baked on fluxes (polymerized fluxes) from reflow and wave solder oven components, such as conveyor fingers and condensation traps, may contain no more than 150 grams VOC per liter of solution and must follow all other provisions of this Subpart.

B. Operating Requirements:

When cold cleaning, the clean parts must be drained at least 15 seconds or until dripping ceases.

C. General Requirements:

A Person conducting solvent metal cleaning must:

- (1) Store solvent in covered containers and transfer or dispose of waste solvent in such a manner that less than 20 percent of the waste solvent (by weight) can evaporate into the atmosphere.

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

- (2) Maintain equipment to minimize leaks and fugitive emissions.
- (3) Display at the equipment location a conspicuous summary of proper operating procedures consistent with minimizing emissions of VOCs.
- (4) Keep the degreaser cover closed except when:
 - (a) parts are being placed into or being removed from the degreaser;
 - (b) adding or removing solvent from the degreaser;
 - (c) no solvent is in the degreaser; or
 - (d) when manually cleaning metal parts in the cold cleaning degreaser.
- (5) Create and retain a record of solvent consumption for five years. This record must be made available to the Department upon request.
- (6) Not clean sponges, fabric, wood, leather, paper products and other absorbent materials in a degreaser.
- (7) If using a cold cleaning degreaser that is subject to paragraph 226-1.4(a)(4), retain a record of the following three items for five years and provide these records to the Department upon request. An invoice, a bill of sale, a certificate covering multiple sales, manufacturer's published information, or other appropriate documentation acceptable to the Department may be used to comply with this requirement.
 - (a) the name and address of the solvent supplier;
 - (b) the type of solvent including the product or vendor identification number; and
 - (c) the VOC content of the cleaning solution in grams per liter or the vapor pressure of the solvent measured in mm Hg at 20°C (68°F) as appropriate to verify compliance.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 46: Compliance Certification
 Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 46.1:

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

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Emission Unit: 1-BOILR
Process: GAS

Emission Source: BOIL1

Emission Unit: 1-BOILR
Process: GAS

Emission Source: BOIL2

Emission Unit: 1-BOILR
Process: OIL

Emission Source: BOIL1

Emission Unit: 1-BOILR
Process: OIL

Emission Source: BOIL2

Item 46.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a stationary combustion installation must perform an annual tune-up on each emission source subject to 6 NYCRR Subpart 227-1. Records of the tune-up shall be maintained at the facility or at a Department approved alternative location for a minimum of five years. The records shall, at a minimum, include the date the tune-up(s) occurred and the details of the tune-up procedures for each emission source.

Monitoring Frequency: ANNUALLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2023.

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

Condition 47: Compliance Certification

Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 47.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-BOILR
Process: OIL

Item 47.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Operators of oil firing emission sources subject to 6 NYCRR Subpart 227-1 which do not employ a continuous opacity monitor for measuring smoke emissions, shall be required to perform the following:

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

1) Observe the stack for each emission source which is operating on oil once per day for visible emissions. This observation(s) must be conducted during daylight hours except during adverse weather conditions (fog, rain, or snow).

2) The results of each observation must be recorded in a bound logbook or other format acceptable to the Department. The following data must be recorded for each stack:

- date and time of day
- observer's name
- identity of the emission point
- weather conditions
- was a plume observed?

Inclement weather conditions shall be recorded for those days when observations are prohibited. This logbook must be retained at the facility for five (5) years after the date of the last entry.

3) If the operator observes any visible emissions (other than steam - see below) for two consecutive days while firing oil (the firing of other fuels in between days of firing oil does not count as an interruption in the consecutive days of firing oil), then a Method 9 analysis (based upon a 6-minute mean) of the affected emission point(s) must be conducted within two (2) business days of such occurrence. The results of the Method 9 analysis must be recorded in the logbook. The operator must contact the Regional Air Pollution Control Engineer within one (1) business day of performing the Method 9 analysis if the opacity standard is contravened. Upon notification, any corrective actions or future compliance schedules shall be presented to the Department for acceptance.

**** NOTE **** Steam plumes generally form after leaving the top of the stack (this is known as a detached plume). The distance between the stack and the beginning of the detached plume may vary, however, there is (normally) a distinctive distance between the plume and stack. Steam plumes are white in color and have a billowy consistency. Steam plumes dissipate within a short distance of the stack (the colder the air the longer the steam plume will last) and leave no dispersion trail downwind of the stack.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Condition 48: Compliance Certification

Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement: 6 NYCRR 231-11.2 (b)

Item 48.1:

The Compliance Certification activity will be performed for the Facility.

Item 48.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For a modification with a project emission potential which, when added to all emissions excluded under section 231-4.1(b)(42)(i)(c) of this Part, is less than 50 percent of the applicable significant project threshold in Table 3, Table 4 or Table 6 of Subpart 231-13 of this Part, the facility owner or operator, in addition to complying with any requirements under Part 201 of this Title, must maintain the following information for a minimum of five years:

- (1) A description of the modification.
- (2) An identification of each new or modified emission source(s) including the associated processes and emission unit.
- (3) The calculation of the project emission potential for each modified emission source(s) including supporting documentation.
- (4) The date the modification commenced operation.

These recordkeeping requirements apply to exempt and trivial activities but do not affect their exempt or trivial permitting status under Subpart 201-3 of this Title. The facility must submit these records to the Department, upon the Department's request.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 49: Compliance Certification

Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement: 6 NYCRR 231-11.2 (c)

Item 49.1:

The Compliance Certification activity will be performed for the Facility.

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Item 49.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

For a modification with a project emission potential which, when added to any emissions excluded in accordance with section 231-4.1(b)(42)(i)(c) of this Part, equals or exceeds 50 percent of the applicable significant project threshold in Table 3, Table 4 or Table 6 of Subpart 231-13 of this Part and the project emission potential is less than the applicable significant project threshold, the facility owner or operator must submit an application to modify the facility permit under the minor permit provisions of Subpart 201-6 of this Title, and must:

(1) maintain the following information for a minimum of five years:

(i) a description of the modification.

(ii) an identification of each new or modified emission source(s) including the associated processes and emission unit.

(iii) the calculation of the project emission potential for each modified emission source(s) including supporting documentation.

(iv) the date the modification commenced operation.

(2) monitor the emissions of each regulated NSR contaminant from the emission source(s) that will increase as a result of the modification, and calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five years following resumption of regular operations after the modification, or for a period of 10 years following resumption of regular operations after the change if the modification increases the design capacity of or potential to emit the regulated NSR contaminant at such emission source(s). The calculation of actual emissions must use the same methodology that was used in the application for the project; and

(3) submit a report to the department within 30 days after the end of each year during which records must be generated in accordance with Paragraph 231-11.2(c)(2) of this Part. The report must contain:

(i) the name, address, and telephone number of the major

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

to the SO2 emission limits, fuel oil sulfur limits, or percent reduction requirements under §60.42c shall submit semi-annual reports to the Administrator.

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 1/30/2023.

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

Condition 52: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 52.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-BOILR

Process: OIL

Emission Source: BOIL2

Item 52.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of each affected facility subject to the SO2 emission limits, fuel oil sulfur limits, or percent reduction requirements under 40 CFR 60.42c shall keep records and submit reports as required under 40 CFR 60.48c(d), including the following information, as applicable:

- (1) Calendar dates covered in the reporting period.
- (2) Each 30-day average SO2 emission rate (ng/J or lb/MMBtu), or 30-day average sulfur content (weight percent), calculated during the reporting period, ending with the last 30-day period; reasons for any noncompliance with the emission standards; and a description of corrective actions taken.
- (3) Each 30-day average percent of potential SO2 emission rate calculated during the reporting period, ending with the last 30-day period; reasons for any noncompliance with the emission standards; and a description of the corrective actions taken.
- (4) Identification of any steam generating unit operating days for which SO2 or diluent (O2 or CO2) data have not been obtained by an approved method for at least 75

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

percent of the operating hours; justification for not obtaining sufficient data; and a description of corrective actions taken.

(5) Identification of any times when emissions data have been excluded from the calculation of average emission rates; justification for excluding data; and a description of corrective actions taken if data have been excluded for periods other than those during which coal or oil were not combusted in the steam generating unit.

(6) Identification of the F factor used in calculations, method of determination, and type of fuel combusted.

(7) Identification of whether averages have been obtained based on CEMS rather than manual sampling methods.

(8) If a CEMS is used, identification of any times when the pollutant concentration exceeded the full span of the CEMS.

(9) If a CEMS is used, description of any modifications to the CEMS that could affect the ability of the CEMS to comply with Performance Specifications 2 or 3 of 40 CFR 60 appendix B.

(10) If a CEMS is used, results of daily CEMS drift tests and quarterly accuracy assessments as required under 40 CFR 60 appendix F, Procedure 1.

(11) If fuel supplier certification is used to demonstrate compliance, records of fuel supplier certification as described under 40 CFR 60.48c(f)(1), (2), (3), or (4), as applicable. In addition to records of fuel supplier certifications, the report shall include a certified statement signed by the owner or operator of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the reporting period.

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 1/30/2023.

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

Condition 53: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Applicable Federal Requirement:40CFR 60.48c(f)(1), NSPS Subpart Dc

Item 53.1:

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

Emission Unit: 1-BOILR

Process: OIL

Emission Source: BOIL2

Item 53.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Fuel supplier certification shall include the following information for distillate oil:

(i) The name of the oil supplier;

(ii) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c; and

(iii) The sulfur content or maximum sulfur content of the oil.

Note: 40 CFR 60.41c defines distillate oil as fuel oil that complies with the specifications for fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials (ASTM) D975, kerosine, as defined in ASTM D3699, biodiesel as defined in ASTM D6751, or biodiesel blends as defined in ASTM D7467. These test methods are incorporated by reference at 40 CFR 60.17.

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 1/30/2023.

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

Condition 54: Compliance Certification

Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 54.1:

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

Emission Unit: 1-BOILR

Process: GAS

Emission Source: BOIL2

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Emission Unit: 1-BOILR

Process: OIL

Emission Source: BOIL2

Item 54.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

(1) Except as provided under paragraphs (2) and (3) of this condition, the owner or operator of each affected facility shall record, and maintain records of, the amount of each fuel combusted during each operating day.

(2) As an alternative to meeting the requirements of paragraph (1) of this condition, the owner or operator of an affected facility that combusts only natural gas, wood, fuels using fuel certification in 40 CFR 60.48c(f) to demonstrate compliance with the SO₂ standard, fuels not subject to an emissions standard (excluding opacity), or a mixture of these fuels may elect to record and maintain records of the amount of each fuel combusted during each calendar month.

(3) As an alternative to meeting the requirements of paragraph (1) of this condition, the owner or operator of an affected facility or multiple affected facilities located on a contiguous property unit where the only fuels combusted in any steam generating unit (including steam generating units not subject to 40 CFR 60 Subpart Dc) at that property are natural gas, wood, distillate oil meeting the most current requirements in 40 CFR 60.42c to use fuel certification to demonstrate compliance with the SO₂ standard, and/or fuels, excluding coal and residual oil, not subject to an emissions standard (excluding opacity) may elect to record and maintain records of the total amount of each steam generating unit fuel delivered to that property during each calendar month.

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 1/30/2023.

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

Condition 55: Compliance Certification

Effective between the dates of 09/21/2022 and 09/20/2027

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

Item 55.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Emission Unit: 1-BOILR
 Process: GAS

Emission Source: BOIL2

Emission Unit: 1-BOILR
 Process: OIL

Emission Source: BOIL2

Item 55.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record for determining compliance with the NSPS requirements.

****NOTE**** Records shall be maintained for a minimum of five years to achieve compliance with the requirements of Title V.

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 1/30/2023.

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

Condition 56: Compliance Certification

Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement:40CFR 63, Subpart A

Item 56.1:

The Compliance Certification activity will be performed for the Facility.

Item 56.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Owners or operators of affected sources which are subject to 40 CFR Part 63 must comply with the applicable requirements of 40 CFR 63 Subpart A, as defined by the specific applicable regulation.

This facility is subject to the requirements of 40 CFR 63 Subpart A as defined in the following tables:

40 CFR 63 Subpart DDDDD, Table 10 [40 CFR 63.7565]

40 CFR 63 Subpart A contains requirements for performance

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

testing, monitoring, notification, recordkeeping, reporting, and control devices that may apply to the source. For any affected source which uses a control device to comply with the emission standard, the facility must develop and implement a written start up, shutdown and malfunction (SSM) plan which (1) describes in detail procedures for operating and maintaining the source during periods of SSM, and (2) includes a program of corrective action for malfunctioning process, air pollution control equipment, and monitoring equipment used to comply with the relevant standard.

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 1/30/2023.

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

Condition 57: Good air pollution control practices
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement:40CFR 63.7500(a)(3), Subpart DDDDD

Item 57.1:

At all times, the owner or operator must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

Condition 58: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement:40CFR 63.7540(a)(12), Subpart DDDDD

Item 58.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-BOILR

Item 58.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a boiler with a continuous oxygen trim system that maintains an optimum air to fuel ratio must conduct a tune-up of the boiler every 5 years

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

(no more than 61 months after the previous tune-up) as specified below to demonstrate continuous compliance.

(i) As applicable, inspect each burner and clean or replace any components of the burner as necessary. At units where entry into a piece of process equipment or into a storage vessel is required to complete the tune-up inspections, inspections are required only during planned entries into the storage vessel or process equipment. The burner inspection may be delayed until the next scheduled or unscheduled unit shutdown, however each burner must be inspected at least once every 72 months.

(ii) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available.

(iii) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly. The air-to-fuel ratio controller inspection may be delayed until the next scheduled unit shutdown.

(iv) Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any NOX requirement to which the unit is subject.

(v) Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer.

(vi) Maintain on-site and submit, if requested by the Department, a report containing the information in paragraphs (A) through (C) below:

(A) The concentrations of CO in the effluent stream in parts per million by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler;

(B) A description of any corrective actions taken as a part of the tune-up; and

(C) The type and amount of fuel used over the 12 months prior to the tune-up, but only if the unit was physically

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel used by each unit.

Monitoring Frequency: Once every five years
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 59: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement:40CFR 63.7540(a)(12), Subpart DDDDD

Item 59.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: 1-BOILR

Item 59.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The facility owner or operator must set and maintain the oxygen level of the oxygen trim system no lower than the oxygen concentration measured during the most recent tune-up.

The facility owner or operator shall maintain a record of the oxygen concentration measured during the most recent tune-up on site for a period of at least five years from the date of the measurement and shall provide a copy of the record to the Department upon request.

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 1/30/2023.
Subsequent reports are due every 6 calendar month(s).

Condition 60: Notification Requirements
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement:40CFR 63.7545(a), Subpart DDDDD

Item 60.1:
This Condition applies to:

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Emission Unit: 1BOILR

Item 60.2:

The facility owner or operator must submit all of the notifications required by 40 CFR 63 Sections 63.7(b), 63.7(c), 63.8(e), 63.8(f)(4), 63.8(f)(6), and 63.9(b) - (h), as applicable, by the dates specified in those sections.

Condition 61: Use of alternative fuel notification
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement:40CFR 63.7545(f), Subpart DDDDD

Item 61.1:

This Condition applies to:

Emission Unit: 1BOILR

Item 61.2:

Owners and operators that operate a unit designed to burn natural gas, refinery gas, or other gas 1 fuels that is subject to subpart DDDDD, and intend to use a fuel other than natural gas, refinery gas, gaseous fuel subject to another subpart of part 60, 61, 63, or 65, or other gas 1 fuel to fire the affected unit during a period of natural gas curtailment or supply interruption, as defined in 40 CFR 63.7575 must submit a notification of alternative fuel use within 48 hours of the declaration of each period of natural gas curtailment or supply interruption, as defined in 40 CFR 63.7575. The notification must include the information specified in paragraphs (1) through (5).

- (1) Company name and address.
- (2) Identification of the affected unit.
- (3) Reason unable to use natural gas or equivalent fuel, including the date when the natural gas curtailment was declared or the natural gas supply interruption began.
- (4) Type of alternative fuel that he/she intends to use.
- (5) Dates when the alternative fuel use is expected to begin and end.

Condition 62: Fuel switching notification
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement:40CFR 63.7545(h), Subpart DDDDD

Item 62.1:

This Condition applies to:

Emission Unit: 1BOILR

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Item 62.2:

Owners or operators that have switched fuels or made a physical change that resulted in the applicability of a different subcategory must provide notice of the date upon which the source switched fuels or made the physical change within 30 days of the switch/change. The notification must identify:

- (1) The name of the owner or operator of the affected source, the location of the source, the boiler(s) and process heater(s) that will switch fuels, were physically changed, and the date of the notice.
- (2) The currently applicable subcategory under this subpart.
- (3) The date on which the fuel switch or physical change occurred.

Condition 63: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027**Applicable Federal Requirement: 40CFR 63.7550, Subpart DDDDD****Item 63.1:**

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

Emission Unit: 1-BOILR

Item 63.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner or operator must submit a five-year compliance report to the Department in order to demonstrate compliance with the requirements of 40 CFR 63 Subpart DDDDD.

The first 5-year compliance report must be postmarked or submitted no later than January 31, 2021 and must cover the period of January 31, 2016 (i.e. the compliance date for the facility) through December 31, 2020.

Each subsequent compliance report shall cover the five-year period beginning on January 1st of the first year and ending December 31st of the fifth year. Each compliance report is due no later than January 31st of the reporting year.

To meet the requirements of 40 CFR 63.7550(c)(1), the compliance reports for the facility shall contain the following information:

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

- (1) Company and facility name and address;
- (2) Process unit information, emissions limitations, and operating parameter limitations;
- (3) The date of the report and beginning and ending dates of the reporting period;
- (4) The date of the most recent tune-up for each unit subject to the 5-year tune-up requirement, and the date of the most recent burner inspection if it was not done on a 5-year period and was delayed until the next scheduled or unscheduled unit shutdown.
- (5) A statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.

To meet the requirements of 40 CFR 63.7550(h)(3), the facility must submit the Compliance Report electronically to the EPA via the CEDRI. (CEDRI can be accessed through the EPA's CDX.) The facility must use the appropriate electronic report in CEDRI for 40 CFR 63 Subpart DDDDD.

Monitoring Frequency: Once every five years

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 64: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement: 40CFR 63.7555(a), Subpart DDDDD

Item 64.1:

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

Emission Unit: 1-BOILR

Item 64.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner or operator must maintain the following records:

- (1) A copy of each notification and report submitted to comply with the requirements of 40 CFR 63 Subpart DDDDD, including all documentation supporting any initial notification, notification of compliance status, or compliance report submitted by the facility, according to the requirements of 40 CFR 63.10(b)(2)(xiv).

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

(2) Records of performance tests, fuel analyses, or other compliance demonstrations and performance evaluations, according to the requirements of 40 CFR 63.10(b)(2)(viii).

Records kept pursuant to this condition must be maintained at the facility for a period of at least five years, and must be made available to the Department upon request.

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 1/30/2023.

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

Condition 65: Compliance Certification
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement: 40CFR 63.7555(h), Subpart DDDDD

Item 65.1:

The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: 1-BOILR

Item 65.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The facility owner or operator must maintain a record of the total hours per calendar year that an alternative fuel is burned in each boiler at the facility and the total hours per calendar year that each boiler is operated during periods of gas curtailment or gas supply emergencies.

Records kept pursuant to this condition must be maintained at the facility for a period of at least five years and must be made available to the Department upon request.

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 1/30/2023.

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

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

**** Emission Unit Level ****

Condition 66: Emission Point Definition By Emission Unit
 Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 66.1:

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

Emission Unit: 1-BOILR

Emission Point: 10001
 Height (ft.): 70 Diameter (in.): 48
 NYTMN (km.): 4676.843 NYTME (km.): 502.994 Building: 1

Item 66.2:

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

Emission Unit: 1-DRYER

Emission Point: 10003
 Height (ft.): 65 Diameter (in.): 36
 NYTMN (km.): 4676.814 NYTME (km.): 502.992 Building: 1

Emission Point: 10004
 Height (ft.): 35 Diameter (in.): 31
 NYTMN (km.): 4676.9 NYTME (km.): 502.989 Building: 1

Emission Point: 10010
 Height (ft.): 50 Diameter (in.): 6
 NYTMN (km.): 4676.815 NYTME (km.): 502.985 Building: 1

Emission Point: 10095
 Height (ft.): 26 Diameter (in.): 12
 NYTMN (km.): 4676.607 NYTME (km.): 502.952 Building: 1

Item 66.3:

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

Emission Unit: 1-ENZYM

Emission Point: 10093
 Height (ft.): 30 Diameter (in.): 12
 NYTMN (km.): 4676.644 NYTME (km.): 502.964 Building: 1

Item 66.4:

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

Emission Unit: 1-TANKS

Emission Point: 10006
 Height (ft.): 27 Diameter (in.): 13

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

NYTMN (km.): 4676.873 NYTME (km.): 503.006 Building: 1

Emission Point: 10098
 Height (ft.): 16 Diameter (in.): 8
 NYTMN (km.): 4676.679 NYTME (km.): 503.022

Emission Point: 10099
 Height (ft.): 35 Diameter (in.): 20
 NYTMN (km.): 4676.679 NYTME (km.): 503.022

Item 66.5:

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

Emission Unit: 2-WWPTP

Emission Point: 20098
 Height (ft.): 15 Diameter (in.): 16
 NYTMN (km.): 4676.809 NYTME (km.): 502.978

Emission Point: 20099
 Height (ft.): 45 Diameter (in.): 16
 NYTMN (km.): 4676.809 NYTME (km.): 502.978

Condition 67: Process Definition By Emission Unit
Effective between the dates of 09/21/2022 and 09/20/2027

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 67.1:

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

Emission Unit: 1-BOILR
 Process: GAS Source Classification Code: 1-02-006-02
 Process Description:
 This process consists of boiler No. 1 and No. 2 firing
 natural gas.

Emission Source/Control: BOIL1 - Combustion
 Design Capacity: 16.7 million Btu per hour

Emission Source/Control: BOIL2 - Combustion
 Design Capacity: 29.3 million Btu per hour

Item 67.2:

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

Emission Unit: 1-BOILR
 Process: OIL Source Classification Code: 1-02-005-01
 Process Description:
 This process consists of boiler No. 1 and No. 2 firing
 No. 2 fuel oil during periods of natural gas curtailment.

Emission Source/Control: BOIL1 - Combustion

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Design Capacity: 16.7 million Btu per hour

Emission Source/Control: BOIL2 - Combustion

Design Capacity: 29.3 million Btu per hour

Item 67.3:

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

Emission Unit: 1-DRYER

Process: 003

Source Classification Code: 3-99-999-94

Process Description:

This process consists of a steam heated vertical spray tower dryer used to dry hydrolyzed protein powder (product), packaging operations associated with the spray tower dryer, and room emissions from the Rogers Evaporator Room.

Particulate emissions from the tower dryer are controlled by a wet scrubber (SCRB1) and are exhausted to Emission Point 10003. Particulate emissions from the packaging operations are controlled by a dedicated fabric filter (TRBH1) and are exhausted to Emission Point 10095.

Emissions from the Rogers Evaporator Room are exhausted to Emission Point 10010.

Emission Source/Control: SCR1 - Control

Control Type: WET SCRUBBER

Emission Source/Control: TRBH1 - Control

Control Type: FABRIC FILTER

Emission Source/Control: RROOM - Process

Emission Source/Control: SDPAC - Process

Emission Source/Control: TOWER - Process

Design Capacity: 900 pounds per hour

Item 67.4:

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

Emission Unit: 1-DRYER

Process: 004

Source Classification Code: 3-99-999-94

Process Description:

This process consists of a liquid propane gas fired (direct fired) horizontal dryer used to dry hydrolyzed protein powder (product). Particulate emissions are controlled by a fabric filter (BAG01) and are exhausted through Emission Point 10004.

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Emission Source/Control: BAG01 - Control
Control Type: FABRIC FILTER

Emission Source/Control: VBOTT - Process
Design Capacity: 460 pounds per hour

Item 67.5:

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

Emission Unit: 1-ENZYM
Process: 012 Source Classification Code: 3-99-999-94
Process Description:
This process consists of an enzyme weigh out and loading process that is exhausted to a wet scrubber. Emissions are exhausted through Emission Point 10093.

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

Emission Source/Control: ELOAD - Process

Emission Source/Control: EWOUT - Process

Item 67.6:

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

Emission Unit: 1-ENZYM
Process: 013 Source Classification Code: 3-99-999-94
Process Description:
This process includes one covered mix tank where dry finished products are mixed (no water addition) and finished product packaging operations. In addition, it includes packaging operations associated with the V-bottom dryer. Emissions exhaust through a wet scrubber and Emission Point 10093.

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

Emission Source/Control: BLND4 - Process

Emission Source/Control: DBPAC - Process

Emission Source/Control: VBPAC - Process

Item 67.7:

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

Emission Unit: 1-TANKS
Process: 014 Source Classification Code: 3-99-999-94
Process Description:
This process consists of a Norman Blender, wet blend

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

operations, and a glass-lined reactor. Emissions from these sources (which consist of particulates and acids) are directed to the building scrubber system (control devices VENTR and SCRB2 in series), after which they are directed to RTO #1 and emitted via Emission Point 10099.

Operation of the RTO is not required for these emission sources. In the event of an unplanned shutdown of RTO #1, the building scrubber system (control devices VENTR and SCRB2 in series) will continue to operate. Since the emission sources identified in this process do not emit VOCs, the equipment in this process may continue to operate until the RTO is brought back online. Emissions from this equipment will continue to be directed to the building scrubber system (control devices VENTR and SCRB2 in series), however will be temporarily vented to Emission Point 10006.

Emission Source/Control: SCRB2 - Control
Control Type: WET SCRUBBER

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

Emission Source/Control: BLND1 - Process

Emission Source/Control: GLR01 - Process

Emission Source/Control: TKADD - Process

Emission Source/Control: WETBL - Process

Item 67.8:

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

Emission Unit: 1-TANKS

Process: 015

Source Classification Code: 3-99-999-94

Process Description:

This process reflects the operation of digesters, process holding tanks, mix vessels, miscellaneous equipment and the wastewater collection system pit (WWPIT). Emissions from these sources may consist of VOCs, particulates, and acids. VOC-containing wastewater is collected in a series of enclosed pipes and directed to the wastewater collection pit. Emissions from the wastewater collection pit are vented directly to RTO #1.

Excluding the wastewater collection pit, all emission sources are vented to the building scrubber system via enclosed ductwork to control particulate and acid emissions (control devices VENTR and SCRB2 in series),

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

after which they are directed to RTO #1 to control VOC emissions and emitted via Emission Point 10099.

RTO #1 must be used to control VOC emissions and satisfy the VOC RACT requirements of 6 NYCRR Part 212-3.1(c)(4)(i). The facility has committed to operate RTO #1 at all times (except during a scheduled manufacturing shutdown), even if the raw materials used in the manufacturing campaign do not include VOCs.

In the event of an unplanned shutdown of RTO #1, emissions from the WWPIT will be temporarily vented via Emission Point 10098, while emissions from all other sources in this process will be vented to Emission Point 10006. During the outage, the building scrubber system (control devices VENTR and SCR2 in series) will continue to operate. Actions will be taken to bring the equipment in this process to a "safe state" such that emissions are minimized to the extent possible.

Emission Source/Control: RTOXR - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: SCR2 - Control
Control Type: WET SCRUBBER

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

Emission Source/Control: BAL01 - Process

Emission Source/Control: BAL02 - Process

Emission Source/Control: BALMF - Process

Emission Source/Control: DRG01 - Process

Emission Source/Control: DRG02 - Process

Emission Source/Control: DRG03 - Process

Emission Source/Control: DRG05 - Process

Emission Source/Control: DRG06 - Process

Emission Source/Control: DRG07 - Process

Emission Source/Control: DRG08 - Process

Emission Source/Control: DRG09 - Process

Emission Source/Control: DRG10 - Process

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Emission Source/Control: DRG11 - Process

Emission Source/Control: DRG12 - Process

Emission Source/Control: MIXK1 - Process

Emission Source/Control: MIXK2 - Process

Emission Source/Control: PHT01 - Process

Emission Source/Control: PHT02 - Process

Emission Source/Control: PHT03 - Process

Emission Source/Control: PHT04 - Process

Emission Source/Control: PHT05 - Process

Emission Source/Control: PHT06 - Process

Emission Source/Control: PHT07 - Process

Emission Source/Control: PHT09 - Process

Emission Source/Control: PHT10 - Process

Emission Source/Control: PHT11 - Process

Emission Source/Control: PHT12 - Process

Emission Source/Control: PHT14 - Process

Emission Source/Control: PHT15 - Process

Emission Source/Control: TFBAL - Process

Emission Source/Control: TFPRE - Process

Emission Source/Control: TFTRA - Process

Emission Source/Control: TKCHL - Process

Emission Source/Control: VACP1 - Process

Emission Source/Control: VACP2 - Process

Emission Source/Control: WWPIT - Process

Item 67.9:

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

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

Emission Unit: 2-WWPTP

Process: 201

Source Classification Code: 3-99-999-89

Process Description:

This process reflects the operation of the Flow Equalization System, which consists of Equalization Tank #1, Calamity Tank, and Buffer Tank.

To satisfy the VOC RACT requirements of 6 NYCRR Part 212-3.1(c)(4)(i), these tanks must be equipped with covers and RTO #2 must be used to control VOC emissions from these emission sources. The facility has committed to operate RTO #2 at all times, even if the raw materials used in the manufacturing campaign do not include VOCs.

Emissions from this equipment are captured from the enclosed tanks and directed to RTO #2 to control VOC emissions before being emitted via Emission Point 20099.

Emission Source/Control: RTOX2 - Control
Control Type: THERMAL OXIDATION

Emission Source/Control: WWBUF - Process

Emission Source/Control: WWCAL - Process

Emission Source/Control: WWEQ1 - Process

Item 67.10:

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

Emission Unit: 2-WWPTP

Process: 202

Source Classification Code: 3-99-999-89

Process Description:

This process reflects the operation of Treatment Train #1 and Treatment Train #2 at the wastewater pre-treatment plant. Emissions of VOCs from these operations are less than 3 pounds per hour and 15 pounds per day and are therefore not subject to the VOC RACT requirements of 6 NYCRR Section 212-3.

Emission Source/Control: WWTT1 - Process

Emission Source/Control: WWTT2 - Process

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

STATE ONLY ENFORCEABLE CONDITIONS****** Facility Level ********NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

Item A: Emergency Defense - 6 NYCRR 201-1.5

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

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

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

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

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

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

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

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

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

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

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

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

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

STATE ONLY APPLICABLE REQUIREMENTS

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

Condition 68: Contaminant List

Effective between the dates of 09/21/2022 and 09/20/2027

Applicable State Requirement: ECL 19-0301

Item 68.1:

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

CAS No: 009014-01-1
Name: SUBTILISIN

CAS No: 0NY075-00-0
Name: PARTICULATES

CAS No: 0NY998-00-0
Name: VOC

Condition 69: Malfunctions and Start-up/Shutdown Activities

Effective between the dates of 09/21/2022 and 09/20/2027

Applicable State Requirement: 6 NYCRR 201-1.4

Item 69.1:

(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

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027

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.

Permit ID: 4-1228-00027/00015

Facility DEC ID: 4122800027