



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 9-2911-00063/00006
Mod 0 Effective Date: 05/02/2011 Expiration Date: 05/01/2021
Mod 1 Effective Date: 12/06/2013 Expiration Date: 05/01/2021

Permit Issued To: NORAMPAC INDUSTRIES INC
1061 RUE PARENT
ST. BRUNO, QC J3V 6R7

Contact: Lucie-Claude Lalonde
Norampac Industries, Inc.
1061 rue Parent
Saint Bruno de Montarville, NY J3V 6R7
(450) 461-8600

Facility: NORAMPAC INDUSTRIES INC
4001 PACKARD RD
NIAGARA FALLS, NY 14303

Contact: Michael Hanson
Norampac Industries, Inc.
4001 Packard Road
Niagara Falls, NY 14304
(716) 304-7256

Description:

Norampac, located in Niagara Falls, is a corrugating medium manufacturing facility producing approximately 750 tons per day. Process operations include stock preparation, forming, pressing, drying, and dry end handling. This permit modification reflects the proposed reactivation of the existing Foster Wheeler boiler to combust natural gas and biogas generated from the anaerobic treatment system for process steam. The facility performs wastewater treatment prior to discharge to the POTW. As part of construction of the adjacent Greenpac facility, the wastewater treatment facility is being upgraded to include anaerobic treatment along with the existing aerobic treatment to reduce the organic loading to the sanitary sewer. Biogas generated from the anaerobic treatment will flow through a biogas scrubber to remove hydrogen sulfide and then be combusted in the proposed boiler or sent to a flare.

The boiler will be retrofitted with a new burner designed for a maximum heat input of 98 mmbtu/hr and 80,000 pounds. of steam. The boiler will be subject only to the New Source Performance (NSPS) requirements of 40 CFR Part 60 Subpart Dc for natural gas combustion.

Ambient air quality modeling demonstrated that maximum concentrations of nitrogen oxides, sulfur dioxide and hydrogen sulfide emitted from the boiler will not exceed either the one-hour

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or annual Air Quality standards.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

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

Authorized Signature: _____ Date: ____ / ____ / ____



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.



LIST OF CONDITIONS

DEC GENERAL CONDITIONS

General Provisions

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

Facility Level

- Submission of application for permit modification or renewal-REGION 9 HEADQUARTERS



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

Condition 1: Facility Inspection by the Department

Applicable State Requirement: ECL 19-0305

Item 1.1:

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

Item 1.2:

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

Item 1.3:

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

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

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

Item 2.1:

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

Condition 3: Applications for permit renewals, modifications and transfers

Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:

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

Item 3.2:

The permittee must submit a renewal application at least 180 days before expiration of permits for Title V Facility Permits, or at least 30 days before expiration of permits for 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.



Condition 1-1: Permit modifications, suspensions or revocations by the Department

Applicable State Requirement: 6 NYCRR 621.13

Item 1-1.1:

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.

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 modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

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

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

Condition 5: Submission of application for permit modification or renewal-REGION 9 HEADQUARTERS

Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:

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



(716) 851-7165

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Permit Under the Environmental Conservation Law (ECL)

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY
PERMIT**

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Permit Issued To: NORAMPAC INDUSTRIES INC
1061 RUE PARENT
ST. BRUNO, QC J3V 6R7

Facility: NORAMPAC INDUSTRIES INC
4001 PACKARD RD
NIAGARA FALLS, NY 14303

Authorized Activity By Standard Industrial Classification Code:
2631 - PAPERBOARD MILLS

Mod 0 Permit Effective Date: 05/02/2011

Permit Expiration Date: 05/01/2021

Mod 1 Permit Effective Date: 12/06/2013

Permit Expiration Date: 05/01/2021



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1-1 6 NYCRR 211.1: Air pollution prohibited
- 1 6 NYCRR 212.6 (a): Compliance Demonstration

Emission Unit Level

EU=B-OILER

- 1-2 40CFR 60, NSPS Subpart Dc: Compliance Demonstration

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 2 ECL 19-0301: Contaminant List
- 1-3 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 3 6 NYCRR 201-1.4: Unavoidable noncompliance and violations
- 4 6 NYCRR Subpart 201-5: Emission Unit Definition
- 1-4 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 5 6 NYCRR 201-5.3 (b): Compliance Demonstration
- 1-5 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 6 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

- 7 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 8 6 NYCRR Subpart 201-5: Process Definition By Emission Unit



FEDERALLY ENFORCEABLE CONDITIONS

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

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

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

Item A: Sealing - 6 NYCRR 200.5

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

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

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

Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6

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

Item C: Maintenance of Equipment - 6 NYCRR 200.7

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



required to operate such device effectively.

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

If an existing emission source was subject to the permitting requirements of 6 NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

(a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.

(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

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

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

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

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

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

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

Item H: Proof of Eligibility for Sources Defined as Trivial



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

FEDERAL APPLICABLE REQUIREMENTS

The following conditions are federally enforceable.

Condition 1-1: Air pollution prohibited
Effective between the dates of 12/06/2013 and 05/01/2021

Applicable Federal Requirement:6 NYCRR 211.1

Item 1-1.1:

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

Condition 1: Compliance Demonstration
Effective between the dates of 05/02/2011 and 05/01/2021

Applicable Federal Requirement:6 NYCRR 212.6 (a)

Item 1.1:

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

Emission Unit: 1-PAPER

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

Item 1.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20

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Emission Unit: B-OILER

Regulated Contaminant(s):

CAS No: 007783-06-4	HYDROGEN SULFIDE
CAS No: 007446-09-5	SULFUR DIOXIDE

Item 1-2.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

This permit modification represents the combustion of bio-gas generated from the anaerobic treatment of wastewater. Biogas is generated when organic compounds containing carbon, hydrogen, and oxygen are consumed by bacteria in the absence of oxygen, which produces carbon dioxide and methane. It is typically made up of 50-80% methane, 20-50% carbon dioxide, and traces of gases such as hydrogen, carbon monoxide (CO), and nitrogen. The biogas produced by the anaerobic digesters will be directed to two biogas scrubbers to remove hydrogen sulfide (H₂S) concentration in the gas and then will be combusted in a boiler to produce steam.

The boiler is an existing Foster Wheeler originally equipped with a 123 mmbtu/hr natural gas burner and has been out of use since 2003. A new burner has been designed to provide a maximum heat input capacity of 98 mmbtu/hr (80,000 pounds per hour steam) and will also combust natural gas to supplement bio-gas when required. This design is permanent and cannot be reversed and will prevent the boiler from operating at a capacity greater than 100 mmbtu/hr and therefore making it subject the New Source Performance Standard (NSPS) 40 CFR Part 63 Db.

To ensure the correct ratio of air to fuel and natural gas to biogas at the burner, a control system will be installed. The control system will be able to monitor and adjust the air-to-fuel ratio as well as measure the amount of incoming biogas and adjust the natural gas/biogas ratio to allow the efficiency of the boiler to remain constant as the biogas composition (and methane concentration) changes over time. If the boiler is unavailable or more gas is produced than the boiler can accommodate, a backup flare will combust the excess biogas.

The boiler having a heat input capacity less than 100 mmbtu/hr will be designated as a small boiler and subject to the (NSPS) 40 CFR 60 Dc.

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Written notification of the date of construction or reconstruction, anticipated startup, and actual startup of the Dc boiler is required and shall be sent to the USEPA Region 2 headquarters and the NYSDEC Region 9 office at 270 Michigan Avenue, Buffalo, N.Y. 14203. This notification must include:

- The design heat-input capacity of the boiler and identification of the fuels to be combusted in the boiler;
- the annual capacity at which you anticipate operating the boiler.

The maximum heat input capacity shall be demonstrated by operating the boilers at maximum capacity for a 24-hour period for each fuel. An ongoing program will also be required to monitor the actual heat input of the boiler by maintaining records of fuel consumption (as required by 60.48c (g)) and fuel heating value. A fuel measuring device, such as a gas meter, will need to be installed to monitor the actual heat input of the boiler, and records of fuel consumption are to be maintained for a period of two years.

The area source boiler (40 CFR Part 63 Subpart JJJJJ) rule does not apply to boilers burning gaseous fuel, including biogas.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



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 constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

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

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
 - (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
 - (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
 - (4) The facility owner and/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 corrective actions taken.
- (b) In any enforcement proceeding, the facility owner and/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 upset provision contained in any applicable requirement.

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

Where emission source owners and/or operators keep records pursuant to compliance with the operational flexibility requirements of 6 NYCRR Subpart 201-5.4(b)(1), and/or the emission capping requirements of 6 NYCRR Subparts 201-7.2(d), 201-7.3(f), 201-7.3(g), 201-7.3(h)(5), 201-7.3(i) and 201-7.3(j), the Department



will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records. Emission source owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department of receipt of the request.

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

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

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

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 2: Contaminant List
Effective between the dates of 05/02/2011 and 05/01/2021

Applicable State Requirement:ECL 19-0301

Item 2.1:

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

CAS No: 007446-09-5
Name: SULFUR DIOXIDE

CAS No: 007783-06-4
Name: HYDROGEN SULFIDE



Applicable State Requirement:6 NYCRR 201-1.4

Item 3.1:

At the discretion of the commissioner a violation of any applicable emission standard for necessary scheduled equipment maintenance, start-up/shutdown conditions and malfunctions or upsets may be excused if such violations are unavoidable. The following actions and recordkeeping and reporting requirements must be adhered to in such circumstances.

(a) The facility owner and/or operator shall compile and maintain records of all equipment maintenance or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the commissioner's representative when requested to do so in writing or when so required by a condition of a permit issued for the corresponding air contamination source except where conditions elsewhere in this permit which contain more stringent reporting and notification provisions for an applicable requirement, in which case they supercede those stated here. Such reports shall describe why the violation was unavoidable and shall include the time, frequency and duration of the maintenance and/or start-up/shutdown activities and the identification of air contaminants, and the estimated emission rates. If a facility owner and/or operator is subject to continuous stack monitoring and quarterly reporting requirements, he need not submit reports for equipment maintenance or start-up/shutdown for the facility to the commissioner's representative.

(b) In the event that emissions of air contaminants in excess of any emission standard in 6 NYCRR Chapter III Subchapter A occur due to a malfunction, the facility owner and/or operator shall report such malfunction by telephone to the commissioner's representative as soon as possible during normal working hours, but in any event not later than two working days after becoming aware that the malfunction occurred. Within 30 days thereafter, when requested in writing by the commissioner's representative, the facility owner and/or operator shall submit a written report to the commissioner's representative describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates. These reporting requirements are superceded by conditions elsewhere in this permit which contain reporting and notification provisions for applicable requirements more stringent than those above.

(c) The Department may also require the owner and/or operator to include in reports described under (a) and (b) above an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions depending on the deviation of the malfunction and the air contaminants emitted.

(d) In the event of maintenance, start-up/shutdown or malfunction conditions which result in emissions exceeding any applicable emission standard, the facility owner and/or operator shall take appropriate action to prevent emissions which will result in contravention of any applicable ambient air quality standard. Reasonably available control technology, as determined by the commissioner, shall be applied during any maintenance, start-up/shutdown or malfunction condition subject to this paragraph.

(e) 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.

Condition 4: Emission Unit Definition

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Effective between the dates of 05/02/2011 and 05/01/2021

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 4.1(From Mod 1):

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

Emission Unit: 2-TREAT

End Date: 02/11/2016

Emission Unit Description:

This emission unit describes the wastewater treatment system. Effluent will flow from the proposed anaerobic to the existing aerobic system and will then be either recirculated back to the Norampac facility or discharged to the publicly owned treatment works operated by the Niagara Falls Water Board. The biogas (methane) generated by the anaerobic system will flow to two parallel biological scrubbers for hydrogen sulfide removal prior to being combusted in the boiler or the enclosed flare.

Building(s): WWT

Item 4.2(From Mod 1):

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

Emission Unit: B-OILER

End Date: 02/11/2016

Emission Unit Description:

A modified boiler will combust natural gas and biogas from the anaerobic wastewater treatment unit. The boiler will be modified to not exceed 98 MMBtu/hr.

Building(s): MFG

Item 4.3(From Mod 0):

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

Emission Unit: 1-PAPER

End Date: 02/11/2016

Emission Unit Description:

This emission unit describes the corrugating medium manufacturing process including stock preparation (pulpers), formers, press and dryer sections.

Building(s): MFG

Condition 1-4: Renewal deadlines for state facility permits

Effective between the dates of 12/06/2013 and 05/01/2021

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

Item 1-4.1:

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

Condition 5: Compliance Demonstration



Effective between the dates of 05/02/2011 and 05/01/2021

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

Item 5.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 5.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Norampac shall maintain and submit records of yearly volatile organic compound (VOC) usage, VOC content of materials, and emission factors as presented in the Chemical Usage Table 1 of the permit application.

Norampac shall evaluate the chemical usage on an annual basis and if different and having a greater VOC content than what was submitted in Table 1 of the permit application or if used in increased quantities from the initial submission, the facility shall re-evaluate facility-wide VOC emissions and provide calculations documenting any increase in VOC emissions to this Department.

In addition, Norampac shall test the VOC concentration at the inlet and outlet to the wastewater treatment facility at Norampac within three months from the issuance of this permit and submit those results to this Department. If the results indicate VOC concentrations which would result in an emissions factor greater than the 6.7% used for light hydrotreated distillate, Norampac will be required to re-calculate VOC emissions using this factor. Depending on the test results, this Department may require further evaluation of VOC emissions from both fugitive and point sources.

Norampac shall submit a report at the end of each calendar year providing the twelve month rolling totals for each month of that calendar year. Reports shall be submitted to this Department at 270 Michigan Avenue, Buffalo, New York 14203.

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Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2012.

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

Condition 1-5: Compliance Demonstration
Effective between the dates of 12/06/2013 and 05/01/2021

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

Item 1-5.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 1-5.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

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

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 6: Visible Emissions Limited
Effective between the dates of 05/02/2011 and 05/01/2021

Applicable State Requirement:6 NYCRR 211.2

Item 6.1:

Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

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

Condition 7: Emission Point Definition By Emission Unit
Effective between the dates of 05/02/2011 and 05/01/2021

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 7.1(From Mod 1):

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

Emission Unit: 2-TREAT

Emission Point: 00036
Height (ft.): 75 Diameter (in.): 12
NYTMN (km.): 4778.8 NYTME (km.): 173.3 Building: WWTP

Item 7.2(From Mod 1):

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

Emission Unit: B-OILER

Emission Point: N0020
Height (ft.): 50 Diameter (in.): 54
NYTMN (km.): 4778.697 NYTME (km.): 173.4 Building: NFAC

Item 7.3(From Mod 0):

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

Emission Unit: 1-PAPER

Emission Point: N0001
Height (ft.): 34 Diameter (in.): 54
NYTMN (km.): 4778.7 NYTME (km.): 173.4 Building: NFAC

Emission Point: N0002
Height (ft.): 34 Diameter (in.): 60
NYTMN (km.): 4778.697 NYTME (km.): 173.416 Building: NFAC

Emission Point: N0003
Height (ft.): 34 Diameter (in.): 54
NYTMN (km.): 4778.697 NYTME (km.): 173.416 Building: NFAC

Emission Point: N0004
Height (ft.): 34 Diameter (in.): 54
NYTMN (km.): 4778.697 NYTME (km.): 173.416 Building: NFAC

Emission Point: N0006
Height (ft.): 34 Diameter (in.): 54
NYTMN (km.): 4778.697 NYTME (km.): 173.416 Building: NFAC

Emission Point: N0007
Height (ft.): 34 Diameter (in.): 54

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NYTMN (km.): 4778.697 NYTME (km.): 173.416 Building: NFAC

Emission Point: N0011
Height (ft.): 34 Diameter (in.): 48
NYTMN (km.): 4778.697 NYTME (km.): 173.416 Building: NFAC

Emission Point: N0017
Height (ft.): 35 Diameter (in.): 24
NYTMN (km.): 4778.697 NYTME (km.): 173.416 Building: NFAC

Emission Point: N005A
Height (ft.): 34 Diameter (in.): 54
NYTMN (km.): 4778.697 NYTME (km.): 173.416 Building: NFAC

Emission Point: N005B
Height (ft.): 34 Diameter (in.): 54
NYTMN (km.): 4778.697 NYTME (km.): 173.416 Building: NFAC

Emission Point: N005C
Height (ft.): 34 Diameter (in.): 54
NYTMN (km.): 4778.697 NYTME (km.): 173.416 Building: NFAC

Emission Point: N008A
Height (ft.): 34 Diameter (in.): 36
NYTMN (km.): 4778.597 NYTME (km.): 173.416 Building: NFAC

Emission Point: N008B
Height (ft.): 34 Diameter (in.): 36
NYTMN (km.): 4778.697 NYTME (km.): 173.416 Building: NFAC

Emission Point: N009A
Height (ft.): 34 Diameter (in.): 36
NYTMN (km.): 4778.697 NYTME (km.): 173.416 Building: NFAC

Emission Point: N009B
Height (ft.): 34 Diameter (in.): 48
NYTMN (km.): 4778.697 NYTME (km.): 173.416 Building: NFAC

Emission Point: N009C
Height (ft.): 34 Diameter (in.): 48
NYTMN (km.): 4778.697 NYTME (km.): 173.416 Building: NFAC

Emission Point: N016A
Height (ft.): 37 Diameter (in.): 54
NYTMN (km.): 4778.697 NYTME (km.): 173.416 Building: NFAC

Emission Point: N016B
Height (ft.): 37 Diameter (in.): 24
NYTMN (km.): 4778.697 NYTME (km.): 173.416 Building: NFAC

Emission Point: N018A
Height (ft.): 35 Diameter (in.): 24



New York State Department of Environmental Conservation

Permit ID: 9-2911-00063/00006

Facility DEC ID: 9291100063

NYTMN (km.): 4778.697 NYTME (km.): 173.416 Building: NFAC

Condition 8: Process Definition By Emission Unit
Effective between the dates of 05/02/2011 and 05/01/2021

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 8.1(From Mod 1):

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

Emission Unit: 2-TREAT
Process: 002 Source Classification Code: 3-01-820-03
Process End Date: 5/19/2016
Process Description:

The anaerobic wastewater treatment system consists of two sequencing batch reactors, followed by filtering. The system will generate methane gas. Treated wastewater is recirculated back to the Norampac facility.

Emission Source/Control: FLARE - Control
Control Type: FLARING

Emission Source/Control: 00001 - Process

Item 8.2(From Mod 1):

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

Emission Unit: B-OILER
Process: BIO Source Classification Code: 1-03-007-99
Process Description: The combustion of biogas in the boiler.

Emission Source/Control: BOLER - Combustion

Item 8.3(From Mod 1):

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

Emission Unit: B-OILER
Process: NGS Source Classification Code: 1-03-006-02
Process Description: The combustion of natural gas in the boiler.

Emission Source/Control: BOLER - Combustion

Item 8.4(From Mod 0):

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

Emission Unit: 1-PAPER
Process: 001 Source Classification Code: 3-07-004-01
Process End Date: 5/19/2016
Process Description:

Process emissions from the corrugating medium manufacturing including pulping, forming, drying, and associated ventilating system.



Emission Source/Control: DRYER - Process

Emission Source/Control: EFFLT - Process

Emission Source/Control: PRESS - Process

Emission Source/Control: PULPR - Process

Emission Source/Control: STOCK - Process

