



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 6-2338-00002/00011
Mod 0 Effective Date: 06/17/2014 Expiration Date: 06/16/2024
Mod 1 Effective Date: 12/14/2016 Expiration Date: 06/16/2024
Mod 2 Effective Date: 04/04/2018 Expiration Date: 06/16/2024

Permit Issued To: Twin Rivers Paper Company LLC
501 W Main St
Little Falls, NY 13365

Facility: LYONSDALE PAPER MILL
7801 LYONSDALE RD (CO RTE 39) @ LOWDALE RD
LYONS FALLS, NY 13368

Contact: PETER J BURKDORF
Twin Rivers Paper Company LLC
501 W MAIN ST
LITTLE FALLS, NY 13365-1817
(315) 823-2300

Description:

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

Permit Administrator: THOMAS G VOSS
NYSDEC - REGION 6
317 WASHINGTON ST
WATERTOWN, NY 13601-3787

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
 - Applications for permit renewals, modifications and transfers
 - Permit modifications, suspensions or revocations by the Department

Facility Level

- Submission of application for permit modification or renewal-REGION 6 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 2-1: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6 NYCRR 621.11

Item 2-1.1:

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

Item 2-1.2:

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

Item 2-1.3

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

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 6 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 6 Headquarters
Division of Environmental Permits

New York State Department of Environmental Conservation
Facility DEC ID: 6233800002



State Office Building, 317 Washington Street
Watertown, NY 13601-3787
(315) 785-2245

New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



Permit Under the Environmental Conservation Law (ECL)

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

IDENTIFICATION INFORMATION

Permit Issued To: Twin Rivers Paper Company LLC
501 W Main St
Little Falls, NY 13365

Facility: LYONSDALE PAPER MILL
7801 LYONSDALE RD (CO RTE 39) @ LOWDALE RD
LYONS FALLS, NY 13368

Authorized Activity By Standard Industrial Classification Code:
2621 - PAPER MILLS EXC BUILDING PAPER
2631 - PAPERBOARD MILLS
2647 - SANITARY PAPER PRODUCTS(1977)

Mod 0 Permit Effective Date: 06/17/2014

Permit Expiration Date: 06/16/2024

Mod 1 Permit Effective Date: 12/14/2016

Permit Expiration Date: 06/16/2024

Mod 2 Permit Effective Date: 04/04/2018

Permit Expiration Date: 06/16/2024



LIST OF CONDITIONS

FEDERALLY ENFORCEABLE CONDITIONS

Facility Level

- 1 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- *2-1 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *2-2 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *2-3 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *4 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *2-4 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *2-5 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *6 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *2-6 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *2-7 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 12 6 NYCRR 211.1: Air pollution prohibited
- 2-8 6 NYCRR 212-1.3: Determination of Environmental Rating
- 2-9 6 NYCRR 212-1.5 (a): Two or more process emission sources may be simultaneously emitted to the outdoor atmosphere through a single emission point
- 2-10 6 NYCRR 212-1.5 (g): Maintain all process emission sources, including the associated air pollution control and monitoring equipment
- 2-11 6 NYCRR 212-1.6 (a): Compliance Demonstration
- 2-12 6 NYCRR Part 212: Compliance Demonstration
- 2-13 6 NYCRR Part 212: Compliance Demonstration
- 2-14 6 NYCRR Part 212: Compliance Demonstration
- 2-15 6 NYCRR Part 212: Compliance Demonstration
- 2-16 6 NYCRR Part 212: Compliance Demonstration
- 2-17 6 NYCRR Part 212: Compliance Demonstration
- 2-18 6 NYCRR Part 212: Compliance Demonstration
- 2-19 6 NYCRR Part 212: Compliance Demonstration
- 2-20 6 NYCRR Part 212: Compliance Demonstration
- 2-21 6 NYCRR Part 212: Compliance Demonstration
- 2-22 6 NYCRR Part 212: Compliance Demonstration
- 13 40CFR 63.11195, NESHAP Subpart JJJJJ: Boilers not subject

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

- 23 ECL 19-0301: Contaminant List
- 24 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 25 6 NYCRR Subpart 201-5: Emission Unit Definition
- 26 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 27 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 28 6 NYCRR 211.2: Visible Emissions Limited
- 2-23 6 NYCRR 225-1.2: Compliance Demonstration

Emission Unit Level

- 29 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 30 6 NYCRR Subpart 201-5: Process Definition By Emission Unit

NOTE: * preceding the condition number indicates capping.



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



Activities - 6 NYCRR 201-3.3 (a)

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

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

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

Item J: Open Fires Prohibitions - 6 NYCRR 215.2

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

Item K: Permit Exclusion - ECL 19-0305

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

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



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: Facility Permissible Emissions
Effective between the dates of 06/17/2014 and 06/16/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 1.1:

The sum of emissions from the emission units specified in this permit shall not equal or exceed the following

Potential To Emit (PTE) rate for each regulated contaminant:

per year	CAS No: 000107-21-1 (From Mod 2)	PTE: 19,800 pounds
	Name: 1,2-ETHANEDIOL	
per year	CAS No: 000110-80-5 (From Mod 2)	PTE: 19,800 pounds
	Name: ETHANOL, 2-ETHOXY-	
per year	CAS No: 000111-46-6 (From Mod 2)	PTE: 19,800 pounds
	Name: ETHANOL, 2,2'-OXYBIS-	
per year	CAS No: 007446-09-5 (From Mod 2)	PTE: 198,000 pounds
	Name: SULFUR DIOXIDE	
per year	CAS No: 007647-01-0 (From Mod 2)	PTE: 19,800 pounds
	Name: HYDROGEN CHLORIDE	
per year	CAS No: 0NY075-00-0 (From Mod 2)	PTE: 198,000 pounds
	Name: PARTICULATES	
	CAS No: 0NY100-00-0 (From Mod 2)	PTE: 49,800 pounds

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per year

Name: TOTAL HAP

CAS No: 0NY998-00-0 (From Mod 2) PTE: 98,000 pounds

per year

Name: VOC

Condition 2-1: Capping Monitoring Condition
Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 2-1.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1 (a)

Item 2-1.2:

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

Item 2-1.3:

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

Item 2-1.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 2-1.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 2-1.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000110-80-5 ETHANOL, 2-ETHOXY-

Item 2-1.7:

Compliance Demonstration shall include the following monitoring:

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Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE ETHYLENE GLYCOL MONOETHYL ETHER EMISSIONS FROM THE PROCESS AREA WILL BE CALCULATED USING THE MANUFACTURERS HAP DATA, QUANTITY USED ON THE PAPER MACHINE AND ANY APPLICABLE EMISSION FACTORS. THE ETHYLENE GLYCOL MONOETHYL ETHER EMISSIONS WILL BE CALCULATED ON A 12 MONTH ROLLING TOTAL.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: ETHANOL, 2-ETHOXY-

Upper Permit Limit: 19800 pounds per year

Reference Test Method: EPA METHOD 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 2-2: Capping Monitoring Condition
Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 2-2.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1 (a)

Item 2-2.2:

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

Item 2-2.3:

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

Item 2-2.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an

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emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 2-2.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 2-2.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000107-21-1 1,2-ETHANEDIOL

Item 2-2.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE ETHYLENE GLYCOL EMISSIONS FROM THE PROCESS AREA WILL BE CALCULATED USING THE MANUFACTURERS HAP DATA, QUANTITY USED ON THE PAPER MACHINE AND ANY APPLICABLE EMISSIONS FACTORS. THE ETHYLENE GLYCOL EMISSIONS WILL BE CALCULATED ON A 12-MONTH ROLLING TOTAL

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: 1,2-ETHANEDIOL

Upper Permit Limit: 19800 pounds per year

Reference Test Method: EPA METHOD 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MINIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 2-3: Capping Monitoring Condition

Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 2-3.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to

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the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1 (a)

Item 2-3.2:

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

Item 2-3.3:

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

Item 2-3.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 2-3.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 2-3.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5 SULFUR DIOXIDE

Item 2-3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

THE SULFUR DIOXIDE EMISSIONS FROM THE BOILER WILL BE MONITORED BY REQUIRING THAT THE NO. 2 FUEL OIL SULFUR CONTENT NOT EXCEED 0.0015 PERCENT BY WT. THE SUPPLIER WILL PROVIDE A CERTIFICATION FOR EACH DEMONSTRATING COMPLIANCE WITH THIS REQUIREMENT. THIS SPECIFICATION IS REQUIRED TO MAINTAIN POTENTIAL EMISSIONS BELOW THE MAJOR SOURCE THRESHOLD AND NOT EXCEED AMBIENT AIR QUALITY STANDARD.

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SULFUR DIOXIDE FROM NATURAL GAS
COMBUSTION, ALTHOUGH MINIMAL, WILL BE
INCLUDED IN THE FACILITY EMISSION
RECORDS.

Manufacturer Name/Model Number: NEBRASKA BOILER
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.0015 percent by weight
Reference Test Method: ASTM D2880-71
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER
OCCURRENCE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2018.
Subsequent reports are due every 6 calendar month(s).

Condition 4: Capping Monitoring Condition
Effective between the dates of 06/17/2014 and 06/16/2024

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 4.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1 (a)

Item 4.2:

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

Item 4.3:

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

Item 4.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 4.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of

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the Act.

Item 4.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007647-01-0 HYDROGEN CHLORIDE

Item 4.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

HYDROCHLORIC ACID EMISSIONS FROM THE PROCESS AREA WILL BE CALCULATED BY USING THE CHEMICAL SUPPLIERS HAP DATA, THE AMOUNT OF USAGE ON THE PAPER MACHINE, AND APPLICABLE EMISSION FACTORS. THE HYDROCHLORIC ACID EMISSIONS WILL BE CALCULATED ON A TWELVE MONTH ROLLING AVERAGE.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PRODUCT

Upper Permit Limit: 9.9 tons per year

Reference Test Method: EPA Method 26

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

Condition 2-4: Capping Monitoring Condition

Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 2-4.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

40 CFR 63.11195

Item 2-4.2:

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

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Item 2-4.3:

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

Item 2-4.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 2-4.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 2-4.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 2-4.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Oil usage is limited to 48 hours per year except for during periods of gas curtailment, gas supply interruption, startups, or periodic testing on liquid fuel. Periodic testing of liquid fuel shall not exceed a combined total of 48 hours during any calendar year.

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 48 hours

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 2-5: Capping Monitoring Condition
Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



Item 2-5.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1 (a)

Item 2-5.2:

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

Item 2-5.3:

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

Item 2-5.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 2-5.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 2-5.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 2-5.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

HAPS FROM THE PROCESS AREA WILL BE DETERMINED USING THE CHEMICAL SUPPLIERS HAP DATA. THE RATE OF USAGE ON THE PAPER MACHINE, AND THE APPLICABLE EMISSION FACTORS. THE HAP EMISSIONS WILL BE CALCULATED ON A TWELVE MONTH ROLLING

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TOTAL TO ASSURE THAT THE CAP OF 24.9 TONS
PER YEAR IS MET.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: PRODUCT
Upper Permit Limit: 24.9 tons per year
Reference Test Method: EPA Method 25
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2018.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Capping Monitoring Condition
Effective between the dates of 06/17/2014 and 06/16/2024

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 6.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1 (a)

Item 6.2:

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

Item 6.3:

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

Item 6.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 6.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 6.6:

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Facility DEC ID: 6233800002



The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000111-46-6 ETHANOL, 2,2'-OXYBIS-

Item 6.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

2,2'-OXYBIS-ETHANOL (GLYCOL ETHER) EMISSIONS FROM THE PROCESS AREA WILL BE CALCULATED BY USING THE CHEMICAL SUPPLIERS HAP DATA, THE AMOUNT OF USAGE ON THE PAPER MACHINE, AND APPLICABLE EMISSION FACTORS. THE 2,2'-OXYBIS-ETHANOL (GLYCOL ETHER) EMISSIONS WILL BE CALCULATED ON A TWELVE MONTH ROLLING AVERAGE.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PRODUCT

Upper Permit Limit: 9.9 tons per year

Reference Test Method: EPA Method 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

Condition 2-6: Capping Monitoring Condition

Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 2-6.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1 (a)

Item 2-6.2:

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

Item 2-6.3:

The owner or operator of the permitted facility must maintain all required records on-site for a

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period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Item 2-6.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 2-6.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 2-6.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 2-6.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE PARTICULATE, NITROGEN OXIDES, AND CARBON MONOXIDE EMISSIONS FROM THE BOILER WILL BE MONITORED BY COMPARING THE EMISSION RATE AS GUARANTEED BY THE BURNER MANUFACTURER WITH THE THROUGHPUT TO CALCULATE EMISSIONS. THE QUANTITY OF NATURAL GAS AND FUEL OIL USAGE IS LIMITED BY THE CAPACITY OF THE BURNER. FACILITY WIDE PARTICULATE, NITROGEN OXIDES, AND CARBON MONOXIDE EMISSIONS ARE LIMITED TO 99.0 TONS PER YEAR.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: FUEL

Upper Permit Limit: 99.0 tons per year

Reference Test Method: EPA Method 5

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.



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

Condition 2-7: Capping Monitoring Condition
Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 2-7.1:

Under the authority of 6 NYCRR Part 201-7, this condition contains an emission cap for the purpose of limiting emissions from the facility, emission unit or process to avoid being subject to the following applicable requirement(s) that the facility, emission unit or process would otherwise be subject to:

6 NYCRR 201-6.1 (a)

Item 2-7.2:

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

Item 2-7.3:

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

Item 2-7.4:

On an annual basis, unless otherwise specified below, beginning one year after the granting of an emissions cap, the responsible official shall provide a certification to the Department that the facility has operated all emission units within the limits imposed by the emission cap. This certification shall include a brief summary of the emissions subject to the cap for that time period and a comparison to the threshold levels that would require compliance with an applicable requirement.

Item 2-7.5:

The emission of pollutants that exceed the applicability thresholds for an applicable requirement, for which the facility has obtained an emissions cap, constitutes a violation of Part 201 and of the Act.

Item 2-7.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 2-7.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:

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VOC EMISSIONS FROM THE PROCESS AREA WILL BE CALCULATED USING THE CHEMICAL MANUFACTURERS VOC DATA AND THE RATE OF USAGE ON THE PAPER MACHINE. EMISSIONS OF VOCS FROM THE BOILER WILL BE CALCULATED USING THE STACK TEST EMISSION FACTORS WITH FUEL USAGE. EMISSIONS OF VOC FROM THE FACILITY ARE LIMITED TO 49.0 TONS PER YEAR.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: VOC's

Upper Permit Limit: 49.0 tons per year

Reference Test Method: EPA Method 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 12: Air pollution prohibited
Effective between the dates of 06/17/2014 and 06/16/2024

Applicable Federal Requirement:6 NYCRR 211.1

Item 12.1:

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 2-8: Determination of Environmental Rating
Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement:6 NYCRR 212-1.3

Item 2-8.1:

In accordance with the applicability requirements of Section 212-1.1 of this Part, the department will assign an environmental rating for each air contaminant emitted from each process emission source or emission point in accordance with Subdivisions (a) through (e) of this Section. The factors in Subdivisions (a) through (d) will be considered in making a determination of the environmental rating to be applied to an air contaminant pursuant to subdivision (e), Table 1 - Environmental Rating Criteria.

(a) Toxic and other properties and emission rate potential of the air contaminant;

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(b) location of the process emission source or emission point(s) for the air contaminant with respect to residences or other sensitive environmental receptors, taking into account the area's anticipated growth;

(c) emission dispersion characteristics at or near the process emission source or emission point(s), taking into account the physical location of the process emission source or emission point(s) relative to the surrounding buildings and terrain; and

(d) the projected maximum cumulative impact of an air contaminant taking into account emissions from all process emission sources at the facility under review and the pre-existing ambient concentration of the air contaminant under review.

Condition 2-9: Two or more process emission sources may be simultaneously emitted to the outdoor atmosphere through a single emission point

Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement:6 NYCRR 212-1.5 (a)

Item 2-9.1:

In instances where air contaminants from two or more process emission sources may be simultaneously emitted to the outdoor atmosphere through a single emission point, the permissible emission rate or degree of air cleaning required is determined by using the sum of the process weights or emission rate potentials for all process emission sources.

Condition 2-10: Maintain all process emission sources, including the associated air pollution control and monitoring equipment

Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement:6 NYCRR 212-1.5 (g)

Item 2-10.1:

At all times, the facility owner or operator must operate and maintain all process emission sources, including the associated air pollution control and monitoring equipment, in a manner consistent with safety, good air pollution control practices, good engineering practices and manufacturers' recommendations for minimizing emissions.

Condition 2-11: Compliance Demonstration

Effective between the dates of 04/04/2018 and 06/16/2024

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

Item 2-11.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 2-11.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL

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DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

No facility owner or operator shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source or emission point, except for the emission of uncombined water.

Parameter Monitored: OPACITY

Upper Permit Limit: 20 percent

Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Averaging Method: 6-MINUTE AVERAGE (METHOD 9)

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 2-12: Compliance Demonstration
Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement: 6 NYCRR Part 212

Item 2-12.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000057-55-6 METHYLETHYL GLYCOL

Item 2-12.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE PROPYLENE GLYCOL EMISSIONS FROM THE PROCESS AREA WILL BE CALCULATED USING THE MANUFACTURER'S DATA, QUANTITY OF THE CHEMICAL USED ON THE PAPER MACHINE, AND ANY APPLICABLE EMISSION RATE FACTOR. EMISSIONS WILL BE MONITORED ON A 12 MONTH ROLLING TOTAL.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: METHYLETHYL GLYCOL

Upper Permit Limit: 500 pounds per year

Reference Test Method: EPA METHOD 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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



Condition 2-13: Compliance Demonstration
Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement:6 NYCRR Part 212

Item 2-13.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 000497-19-8 SODIUM CARBONATE

Item 2-13.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

THE SODIUM CARBONATE EMISSIONS FROM THE
PROCESS AREA WILL BE CALCULATED USING THE
MANUFACTURER'S DATA, QUANTITY OF THE
CHEMICAL USED ON THE PAPER MACHINE, AND
ANY APPLICABLE EMISSION RATE FACTOR.
EMISSIONS WILL BE MONITORED ON A 12 MONTH
ROLLING TOTAL.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: SODIUM CARBONATE

Upper Permit Limit: 1000 pounds per year

Reference Test Method: EPA METHOD 5

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 2-14: Compliance Demonstration
Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement:6 NYCRR Part 212

Item 2-14.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 007775-27-1 SODIUM PERSULFATE

Item 2-14.2:

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE SODIUM PERSULFATE EMISSIONS FROM THE PROCESS AREA WILL BE CALCULATED USING THE MANUFACTURER'S DATA, QUANTITY OF THE CHEMICAL USED ON HE PAPER MACHINE, AND ANY APPLICABLE EMISISON RATE FACTOR. EMISSIONS WILL BE MONITORED ON A 12 MONTH ROLLING TOTAL.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: SODIUM PERSULFATE

Upper Permit Limit: 500 pounds per year

Reference Test Method: EPA METHOD 5

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 2-15: Compliance Demonstration

Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement:6 NYCRR Part 212

Item 2-15.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 014807-96-6 TALC

Item 2-15.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE TALC EMISSIONS FROM THE PROCESS AREA WILL BE CALCULATED USING THE MANUFACTURER'S DATA, QUANTITY OF THE CHEMICAL USED ON THE PAPER MACHINE, AND ANY APPLICABLE EMISSION RATE FACTOR. EMISSIONS WILL BE MONITORED ON A 12-MONTH ROLLING TOTAL.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: TALC

Upper Permit Limit: 200 pounds per year

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Reference Test Method: EPA METHOD 5
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2018.
Subsequent reports are due every 6 calendar month(s).

Condition 2-16: Compliance Demonstration
Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement:6 NYCRR Part 212

Item 2-16.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 000102-71-6 2,2,2-NITRILOTRIS ETHANOL

Item 2-16.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

TRIETHANOLAMINE IS A COMPONENT OF PAPER
DYES THAT ARE ADDED TO THE PULPERS AS A
LIQUID. TRIETHANOLAMINE EMISSIONS FROM
THE PROCESS AREA WILL BE CALCULATED USING
THE MANUFACTURER'S DATA, QUANTITY OF THE
CHEMICAL USED ON THE PAPER MACHINE, AND
ANY APPLICABLE EMISSION RATE FACTOR.
EMISSIONS WILL BE MONITORED ON A 12 MONTH
ROLLING TOTAL.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: 2,2,2-NITRILOTRIS ETHANOL

Upper Permit Limit: 100 pounds per year

Reference Test Method: EPA METHOD 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 2-17: Compliance Demonstration
Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement:6 NYCRR Part 212

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Item 2-17.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000111-42-2 ETHANOL, 2,2'-IMINOBIS-

Item 2-17.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

DIETHANOLAMINE EMISSIONS FROM THE PROCESS AREA WILL BE CALCULATED USING THE MANUFACTURER'S DATA, QUANTITY OF THE CHEMICAL USED ON THE PAPER MACHINE, AND ANY APPLICABLE EMISSION RATE FACTOR. EMISSIONS WILL BE MONITORED ON A 12 MONTH ROLLING TOTAL.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: ETHANOL, 2,2'-IMINOBIS-

Upper Permit Limit: 100 pounds per year

Reference Test Method: EPA METHOD 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 2-18: Compliance Demonstration

Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement:6 NYCRR Part 212

Item 2-18.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000056-81-5 GLYCEROL

Item 2-18.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE GLYCEROL EMISSIONS FROM THE PROCESS AREA WILL BE CALCULATED USING THE MANUFACTURER'S DATA, QUANTITY OF THE

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CHEMICAL USED ON THE PAPER MACHINE, AND ANY APPLICABLE EMISSION RATE FACTOR. EMISSIONS WILL BE MONITORED ON A 12 MONTH ROLLING TOTAL.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: GLYCEROL

Upper Permit Limit: 100 pounds per year

Reference Test Method: EPA METHOD 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 2-19: Compliance Demonstration
Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement: 6 NYCRR Part 212

Item 2-19.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007782-50-5 CHLORINE

Item 2-19.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Emissions of air contaminants to the outdoor atmosphere from any process emission source or emission point for any air contaminant, the facility owner or operator shall not allow emissions of the air contaminant to violate the requirements specified in 6 NYCRR 212-2.3(a), Table 3 - Degree of Air Cleaning Required for Criteria Air Contaminants, or 6 NYCRR 212-2.3 (b), Table 4 - Degree of Air Cleaning Required for Non-Criteria Air Contaminants, as applicable, for the environmental rating assigned to the contaminant by the department.

Emissions from Chlorine from this facility shall not exceed 712 pounds during any 12 month period. This limit is established with consideration of AERMOD modeling which included operational restrictions on the facility and a normalized 1 pound per hour emission rate from the facility assumption.

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Chlorine has been assigned an environmental rating of "B" based on facility location, modeling concentrations, characteristics of the contaminant, and good engineering judgement. Therefore, the facility emission rate potential is in compliance with the degree of air cleaning required as outlined in Tables 3 and 4 of 6 NYCRR Part 212-2.3 (a), (b).

The chlorine emissions will be calculated using the manufacturer's data, quantity used and applicable emission factors. Emissions will be calculated on a 12-month rolling total to assure compliance based on stack testing results and applicable emission factors. Initially, stack testing will be conducted to confirm actual emission rates from the process. Operators at the facility will be required to keep daily records of chemical use and parameters noted in the standard operating procedure for the chemical use.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: WET MIXED SLURRY
Upper Permit Limit: 712 pounds per year
Reference Test Method: MONITOR pH OF PULPING PROCESS
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2018.
Subsequent reports are due every 6 calendar month(s).

Condition 2-20: Compliance Demonstration
Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement:6 NYCRR Part 212

Item 2-20.1:
The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 000107-22-2 ETHANEDIOL

Item 2-20.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:
ETHANEDIOL EMISSIONS FROM THE PROCESS AREA WILL BE CALCULATED BY USING THE CHEMICAL SUPPLIERS DATA, THE AMOUNT OF USAGE ON THE PAPER MACHINE, AND APPLICABLE EMISSION FACTORS. THE

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ETHANEDIOL EMISSIONS WILL BE CALCULATED
ON A TWELVE MONTH ROLLING TOTAL.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: PRODUCT
Upper Permit Limit: 260 pounds per year
Reference Test Method: EPA Method 25
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2018.
Subsequent reports are due every 6 calendar month(s).

Condition 2-21: Compliance Demonstration
Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement: 6 NYCRR Part 212

Item 2-21.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 064742-47-8
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT

Item 2-21.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:
PETROLEUM DISTILLATE EMISSIONS FROM THE
PROCESS AREA WILL BE CALCULATED BY USING
THE CHEMICAL SUPPLIERS DATA, THE AMOUNT
OF USAGE ON THE PAPER MACHINE, AND
APPLICABLE EMISSION FACTORS. THE
PETROLEUM DISTILLATE EMISSIONS WILL BE
CALCULATED ON A TWELVE MONTH ROLLING
TOTAL.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: PRODUCT
Upper Permit Limit: 10000 pounds per year
Reference Test Method: EPA Method 25
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2018.
Subsequent reports are due every 6 calendar month(s).

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Condition 2-22: Compliance Demonstration
Effective between the dates of 04/04/2018 and 06/16/2024

Applicable Federal Requirement:6 NYCRR Part 212

Item 2-22.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 007722-84-1 HYDROGEN PEROXIDE

Item 2-22.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

HYDROGEN PEROXIDE EMISSIONS FROM THE
PROCESS AREA WILL BE CALCULATED BY USING
THE CHEMICAL SUPPLIERS DATA, THE AMOUNT
OF USAGE ON THE PAPER MACHINE, AND
APPLICABLE EMISSION FACTORS. THE
HYDROGEN PEROXIDE EMISSIONS WILL BE
CALCULATED ON A TWELVE MONTH ROLLING
TOTAL.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PRODUCT

Upper Permit Limit: 1000 pounds per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2018.

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

Condition 13: Boilers not subject
Effective between the dates of 06/17/2014 and 06/16/2024

Applicable Federal Requirement:40CFR 63.11195, NESHAP Subpart

JJJJJ

Item 13.1:

The types of boilers listed in paragraphs (a) through (k) are not subject to 40 CFR 63 Subpart
JJJJJ and to any requirements in that subpart.

(a) Any boiler specifically listed as, or included in the definition of, an affected source in another
standard(s) under Part 63.

(b) Any boiler specifically listed as an affected source in another standard(s) established under
section 129 of the Clean Air Act.

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(c) A boiler required to have a permit under section 3005 of the Solid Waste Disposal Act or covered by subpart EEE of this part (e.g., hazardous waste boilers), unless such units do not combust hazardous waste and combust comparable fuels.

(d) A boiler that is used specifically for research and development. This exemption does not include boilers that solely or primarily provide steam (or heat) to a process or for heating at a research and development facility. This exemption does not prohibit the use of the steam (or heat) generated from the boiler during research and development, however, the boiler must be concurrently and primarily engaged in research and development for the exemption to apply.

(e) A gas-fired boiler as defined in 40 CFR 63 Subpart JJJJJJ.

(f) A hot water heater as defined in 40 CFR 63 Subpart JJJJJJ.

(g) Any boiler that is used as a control device to comply with another Subpart of Part 63, or Part 60, Part 61, or Part 65 of this chapter provided that at least 50 percent of the average annual heat input during any 3 consecutive calendar years to the boiler is provided by regulated gas streams that are subject to another standard.

(h) Temporary boilers as defined in 40 CFR 63 Subpart JJJJJJ.

(i) Residential boilers as defined in 40 CFR 63 Subpart JJJJJJ.

(j) Electric boilers as defined in 40 CFR 63 Subpart JJJJJJ.

(k) An electric utility steam generating unit (EGU) covered by 40 CFR 63 Subpart UUUUUU.



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 by 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 be demonstrated 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 permitted facility causing the emergency was at the time being properly operated and maintained;

(3) During the period of the emergency the facility owner 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 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 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 facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records.



Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

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

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

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

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

Condition 23: Contaminant List
Effective between the dates of 06/17/2014 and 06/16/2024

Applicable State Requirement:ECL 19-0301

Item 23.1:

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

CAS No: 000056-81-5

Name: GLYCEROL

CAS No: 000057-55-6

Name: METHYLETHYL GLYCOL

CAS No: 000102-71-6

Name: 2,2,2-NITRILOTRIS ETHANOL

CAS No: 000107-21-1

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Name: 1,2-ETHANEDIOL

CAS No: 000107-22-2

Name: ETHANEDIOL

CAS No: 000110-80-5

Name: ETHANOL, 2-ETHOXY-

CAS No: 000111-42-2

Name: ETHANOL, 2,2'-IMINO BIS-

CAS No: 000111-46-6

Name: ETHANOL, 2,2'-OXY BIS-

CAS No: 000497-19-8

Name: SODIUM CARBONATE

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 007647-01-0

Name: HYDROGEN CHLORIDE

CAS No: 007722-84-1

Name: HYDROGEN PEROXIDE

CAS No: 007775-27-1

Name: SODIUM PERSULFATE

CAS No: 007782-50-5

Name: CHLORINE

CAS No: 014807-96-6

Name: TALC

CAS No: 064742-47-8

Name: DISTILLATES (PETROLEUM), HYDROTREATED LIGHT

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY100-00-0

Name: TOTAL HAP

CAS No: 0NY998-00-0

Name: VOC

Condition 24: Malfunctions and start-up/shutdown activities
Effective between the dates of 06/17/2014 and 06/16/2024

Applicable State Requirement:6 NYCRR 201-1.4



Item 24.1:

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

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

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

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

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

Condition 25: Emission Unit Definition
Effective between the dates of 06/17/2014 and 06/16/2024

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 25.1(From Mod 2):

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

Emission Unit: 6-00002

Emission Unit Description:

THIS EMISSION UNIT IS A 49-0 MMBTU PER HOUR STEAM GENERATING BOILER THAT IS CAPABLE OF OPERATING ON NATURAL GAS OR NO. 2 FUEL OIL. THE BOILER HAS ONE EMISSION POINT THROUGH STACK 00002 WHICH IS ADJACENT

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TO THE BOILER ROOM. THE QUANTITY OF NATURAL GAS USED IS LIMITED BY THE CAPACITY OF THE BURNER. THE QUANTITY OF NO. 2 FUEL OIL IS LIMITED TO 48 HOURS PER YEAR FOR PERIODIC TESTING, EXCEPT FOR USE DURING PERIODS OF GAS CURTAILMENT OR GAS SUPPLY EMERGENCIES.

Building(s): BR

Item 25.2(From Mod 2):

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

Emission Unit: 6-00003

Emission Unit Description:

THE PAPER MAKING PROCESS IS EMISSION UNIT #00003 AND INCLUDES THE EMISSION POINT FROM THE WET-END (#00003) AND THE EMISSION POINT FROM THE DRYER HOOD (#00004) OF THE PAPER MACHINE. THE WET-END EXHAUST FAN IS LOCATED IN THE ROOF ABOVE THE PAPER MACHINE. THE DRY-END EXHAUST FAN IS INSTALLED AFTER THE DRYER HOOD AND HEAT EXCHANGER OF THE PAPER MACHINE. BOTH 36 INCH DIAMETER EMISSION POINTS ARE AT A HEIGHT OF 70 FEET ABOVE THE PAPER MACHINE FLOOR. WE ARE PROPOSING TO ADD TWO OTHER EXHAUST FANS TO THE STATE FACILITY AIR PERMIT FOR THE PAPER PULPING AREA OF THE PAPER MAKING PROCESS. THESE POINTS WILL BE NUMBERED EMISSION POINTS 00005 AND 00006.

Building(s): PA

Condition 26: Renewal deadlines for state facility permits
Effective between the dates of 06/17/2014 and 06/16/2024

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

Item 26.1:

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 27: Compliance Demonstration
Effective between the dates of 06/17/2014 and 06/16/2024

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

Item 27.1:

The Compliance Demonstration activity will be performed for the Facility.

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Item 27.2:

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 6
State Office Building
317 Washington Ave.
Watertown, NY 13601

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

Condition 28: Visible Emissions Limited
Effective between the dates of 06/17/2014 and 06/16/2024

Applicable State Requirement:6 NYCRR 211.2

Item 28.1:

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

Condition 2-23: Compliance Demonstration
Effective between the dates of 04/04/2018 and 06/16/2024

Applicable State Requirement:6 NYCRR 225-1.2

Item 2-23.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 2-23.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Owners and/or operators of a stationary combustion installation that fires distillate oil other than number two heating oil are limited to the purchase of distillate oil with 0.0015 percent sulfur by weight or less on or after July 1, 2014 and are limited to the firing of distillate oil including number two heating oil with

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0.0015 percent sulfur by weight or less on or after July 1, 2016.

The department will require fuel analyses, information on the quantity of fuel received, fired or sold, and results of stack sampling, stack monitoring, and other procedures to ensure compliance with the provisions of this Subpart. All records must be maintained at the facility for a minimum of five years.

Facility owners subject to this Subpart 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 takes place.

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: QUARTERLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2018.
Subsequent reports are due every 3 calendar month(s).

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

Condition 29: Emission Point Definition By Emission Unit
Effective between the dates of 06/17/2014 and 06/16/2024

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 29.1(From Mod 2):

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

Emission Unit: 6-00002

Emission Point: 00002

Height (ft.): 110

Diameter (in.): 72

NYTMN (km.): 4829.3

NYTME (km.): 475.3

Building: BR

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Item 29.2(From Mod 2):

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

Emission Unit: 6-00003

Emission Point: 00003

Height (ft.): 70 Diameter (in.): 36
NYTMN (km.): 4829.353 NYTME (km.): 475.292 Building: PA

Emission Point: 00004

Height (ft.): 70 Diameter (in.): 48
NYTMN (km.): 4829.338 NYTME (km.): 475.311 Building: PA

Emission Point: 00005

Height (ft.): 28 Length (in.): 36 Width (in.): 24
NYTMN (km.): 4829.321 NYTME (km.): 475.334 Building: PA

Emission Point: 00006

Height (ft.): 28 Length (in.): 36 Width (in.): 24
NYTMN (km.): 4829.325 NYTME (km.): 475.329 Building: PA

Condition 30: Process Definition By Emission Unit

Effective between the dates of 06/17/2014 and 06/16/2024

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 30.1(From Mod 2):

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

Emission Unit: 6-00002

Process: 007

Source Classification Code: 1-02-006-02

Process Description:

THE STEAM GENERATING BOILER HAS A BURNER FOR NO. 2 FUEL OIL THAT IS CAPABLE OF OPERATING AT A MAXIMUM OF 47.0 MMBTU PER HOUR. THIS IS A LOW NOX BURNER WITH THE FOLLOWING POLLUTANT EMISSION RATES AS GUARANTEED BY THE MANUFACTURER: CO 0.078 POUNDS PER MMBTU. NOX 0.12 POUNDS PER MMBTU. SO2 0.20 POUNDS PER MMBTU (0.2% SULFUR #2 OIL) PM 0.03 POUNDS PER MMBTU. VOC 0.003 POUNDS PER MMBTU (AP 42 STANDARD)

Emission Source/Control: NSC50 - Combustion

Design Capacity: 49 million Btu per hour

Emission Source/Control: CNTRL - Control

Control Type: LOW NOx BURNER

Item 30.2(From Mod 2):

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



Emission Unit: 6-00002
Process: 012 Source Classification Code: 1-03-006-02

Process Description:
THE STEAM GENERATING BOILER HAS A BURNER FOR NATURAL GAS THAT IS CAPABLE OF OPERATING AT A MAXIMUM RATE OF 49.0 MMBTU PER HOUR. THIS IS A LOW NOX BURNER WITH THE FOLLOWING POLLUTANT EMISSION RATES AS GUARANTEED BY THE MANUFACTURER. CO 0.075 POUNDS PER MMBTU. NOX 0.08 POUNDS PER MMBTU. SO2 0.001 POUNDS PER MMBTU/ PM 0.005 POUNDS PER MMBTU. VOC 2.8 POUNDS PER MCF (AP 42 STANDARD)

Emission Source/Control: NSC50 - Combustion
Design Capacity: 49 million Btu per hour

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

Item 30.3(From Mod 2):

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

Emission Unit: 6-00003
Process: 173 Source Classification Code: 3-07-004-05

Process Description:
The emission source is the process area of the paper machine and pulpers. There are two exhaust fans over the paper machine rated at 42,000 cubic feet per minute (cfm) and 28,000 cfm. The chemicals used on the paper machine contain hazardous air pollutants and volatile organic compounds that could potentially be emitted through these points. Emission point #00003 is from the hood section of the paper machine. Emission point #00004 is overhead above the wet-end section of the paper machine providing general ventilation of the process area. There are two additional emission points, #00005 and #00006. These are two exhaust fans rated at 18,600 cfm and 22,670 cfm.

Emission Source/Control: 00003 - Process
Design Capacity: 17,000 tons per year