



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 6-2109-00021/00006
Mod 0 Effective Date: 06/13/2014 Expiration Date: 06/12/2024
Mod 1 Effective Date: 12/14/2016 Expiration Date: 06/12/2024
Mod 2 Effective Date: 08/07/2018 Expiration Date: 06/12/2024

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

Contact: Michael Fifield
Twin Rivers Paper Company LLC
501 W Main St
Little Falls, NY 13365
(315) 266-1754

Facility: MOHAWK VALLEY PAPER MILL
489 W MAIN ST
LITTLE FALLS, NY 13365

Description:

The facility is located between State Rte 5 and CSX Railroad tracks, approximately 1000 feet northwest of the Mohawk River. The facility has one paper machine that produces approximately 35 tons of tissue paper per day. The facility has one steam boiler that utilizes only natural gas. Pollutant emissions from the paper making process consist of hazardous air pollutants, DAR-1 regulated pollutants, and VOCs that are generated from the use of chemicals. The paper making process also is a contributor to the facilities total particulate emissions.

This modification is being submitted for the addition of Chlorine to the paper making process. Chlorine is the byproduct of the use of calcium hypochlorite used to aid in the process of repulping scrap, trim, and waste paper for reuse in the paper making process.

New York State Department of Environmental Conservation
Facility DEC ID: 6210900021



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: 6210900021



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

New York State Department of Environmental Conservation

Permit ID: 6-2109-00021/00006

Facility DEC ID: 6210900021



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: MOHAWK VALLEY PAPER MILL
489 W MAIN ST
LITTLE FALLS, NY 13365

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: 06/13/2014

Permit Expiration Date: 06/12/2024

Mod 1 Permit Effective Date: 12/14/2016

Permit Expiration Date: 06/12/2024

Mod 2 Permit Effective Date: 08/07/2018

Permit Expiration Date: 06/12/2024



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
- *2-4 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *2-5 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
- *2-8 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *2-9 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- *2-10 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 15 6 NYCRR 211.1: Air pollution prohibited
- 2-11 6 NYCRR 212-1.3: Determination of Environmental Rating
- 2-12 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
- 2-13 6 NYCRR 212-1.5 (g): Maintain all process emission sources, including the associated air pollution control and monitoring equipment
- 2-14 6 NYCRR 212-1.6 (a): 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
- 2-23 6 NYCRR Part 212: Compliance Demonstration
- 2-24 6 NYCRR Part 212: Compliance Demonstration
- 2-25 6 NYCRR Part 212: Compliance Demonstration
- 2-26 6 NYCRR Part 212: Compliance Demonstration
- 2-27 6 NYCRR Part 212: Compliance Demonstration
- 2-28 6 NYCRR Part 212: Compliance Demonstration
- 2-29 6 NYCRR Part 212: Compliance Demonstration
- 2-30 6 NYCRR Part 212: Compliance Demonstration
- 2-31 6 NYCRR Part 212: Compliance Demonstration
- 2-32 6 NYCRR Part 212: Compliance Demonstration
- 2-33 6 NYCRR Part 212: Compliance Demonstration
- 2-34 6 NYCRR Part 212: Compliance Demonstration
- 2-35 6 NYCRR Part 212: Compliance Demonstration
- 2-36 6 NYCRR Part 212: Compliance Demonstration
- 2-37 6 NYCRR Part 212: Compliance Demonstration
- 2-38 6 NYCRR Part 212: Compliance Demonstration
- 2-39 40CFR 63.11195, NESHAP Subpart JJJJJ: Boilers not subject

Emission Unit Level



EU=6-00001,EP=00001,Proc=012

*16 6 NYCRR Subpart 201-7: Capping Monitoring Condition

EU=6-00002,Proc=173

*21 6 NYCRR Subpart 201-7: Capping Monitoring Condition

*22 6 NYCRR Subpart 201-7: Capping Monitoring Condition

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

38 ECL 19-0301: Contaminant List

39 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities

40 6 NYCRR Subpart 201-5: Emission Unit Definition

41 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits

42 6 NYCRR 201-5.3 (c): Compliance Demonstration

43 6 NYCRR 211.2: Visible Emissions Limited

Emission Unit Level

44 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit

45 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 06/13/2014 and 06/12/2024

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: 000057-55-6 (From Mod 2)	PTE: 19,800 pounds
	Name: METHYLETHYL GLYCOL	
per year	CAS No: 000067-56-1 (From Mod 2)	PTE: 19,800 pounds
	Name: METHYL ALCOHOL	
per year	CAS No: 000105-60-2 (From Mod 2)	PTE: 19,800 pounds
	Name: 2H-AZEPIN-2-ONE,HEXAHYDRO	
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-	
	CAS No: 000630-08-0 (From Mod 2)	PTE: 13,990 pounds



New York State Department of Environmental Conservation

Permit ID: 6-2109-00021/00006

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per year

Name: CARBON MONOXIDE

CAS No: 0NY075-00-0 (From Mod 2) PTE: 5,002 pounds

per year

Name: PARTICULATES

CAS No: 0NY100-00-0 (From Mod 2) PTE: 49,800 pounds

per year

Name: TOTAL HAP

CAS No: 0NY210-00-0 (From Mod 2) PTE: 55,994 pounds

per year

Name: OXIDES OF NITROGEN

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 08/07/2018 and 06/12/2024**

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:



New York State Department of Environmental Conservation

Permit ID: 6-2109-00021/00006

Facility DEC ID: 6210900021

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: 000057-55-6 METHYLETHYL GLYCOL

Item 2-1.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The Propylene Glycol emissions will be calculated on a 12-month rolling total using chemical data, manufacturer composition data of the chemicals and appropriate emission factors. The emissions of Propylene Glycol are limited to 19,800 pounds per year.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

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 1/30/2019.

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

Condition 2-2: Capping Monitoring Condition

Effective between the dates of 08/07/2018 and 06/12/2024

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:



New York State Department of Environmental Conservation

Permit ID: 6-2109-00021/00006

Facility DEC ID: 6210900021

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 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: 000067-56-1 METHYL ALCOHOL

Item 2-2.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Methyl Alcohol emissions from the process area will be calculated on a 12-month rolling total using chemical manufacturer data, quantity of the chemicals used and appropriate emission factors. Emissions are limited to 19,800 pounds per year.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

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 1/30/2019.

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

Condition 2-3: Capping Monitoring Condition

Effective between the dates of 08/07/2018 and 06/12/2024



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 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: 000630-08-0 CARBON MONOXIDE

Item 2-3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE CARBON MONOXIDE EMISSIONS AT THIS FACILITY ARE CREATED BY THE STEAM GENERATING BOILER THROUGH THE COMBUSTION OF NATURAL GAS. THE CARBON MONOXIDE EMISSIONS ARE CALCULATED USING USEPA



AP-42 EMISSION FACTOR.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: NATURAL GAS
Upper Permit Limit: 13990 pounds per year
Reference Test Method: EPA Method 10
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2019.
Subsequent reports are due every 12 calendar month(s).

Condition 2-4: Capping Monitoring Condition
Effective between the dates of 08/07/2018 and 06/12/2024

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:

6 NYCRR 201-6.1 (a)

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.

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.

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Regulated Contaminant(s):

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

Item 2-4.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE 2-ETHOXY-ETHANOL EMISSIONS FROM THE PAPER MAKING PROCESS WILL BE CALCULATED USING THE CHEMICAL MANUFACTURERS HAP DATA AND THE QUANTITY USED ON THE PAPER MACHINE. THE EMISSIONS WILL BE CALCULATED ON A 12 MONTH ROLLING TOTAL TO ASSURE COMPLIANCE.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 19800 pounds per year

Reference Test Method: EPA Method 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2019.

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

Condition 2-5: Capping Monitoring Condition

Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

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

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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: 000107-21-1 1,2-ETHANEDIOL

Item 2-5.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE ETHYLENE GLYCOL (1,2-ETHANEDIOL) EMISSIONS FROM THE PAPER MAKING PROCESS WILL BE CALCULATED USING THE CHEMICAL MANUFACTURERS HAP DATA AND THE QUANTITY USED ON THE PAPER MACHINE. THE EMISSIONS WILL BE CALCULATED ON A 12 MONTH ROLLING TOTAL TO ASSURE COMPLIANCE.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 19800 pounds per year

Reference Test Method: EPA Method 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MINIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2019.

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

Condition 2-6: Capping Monitoring Condition
Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

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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 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: 000105-60-2 2H-AZEPIN-2-ONE,HEXAHYDRO

Item 2-6.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE CAPROLACTAM (HEXAHYDRO 2H-AZEPIN-2-ONE) EMISSIONS FROM THE PAPER MAKING PROCESS WILL BE CALCULATED USING THE CHEMICAL MANUFACTURERS HAP DATA AND THE QUANTITY USED ON THE PAPER MACHINE. THE EMISSIONS WILL BE CALCULATED ON A 12 MONTH ROLLING TOTAL TO ASSURE



COMPLIANCE.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: PAPER
Upper Permit Limit: 19800 pounds per year
Reference Test Method: EPA Method 25
Monitoring Frequency: MONTHLY
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2019.
Subsequent reports are due every 12 calendar month(s).

Condition 2-7: Capping Monitoring Condition
Effective between the dates of 08/07/2018 and 06/12/2024

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.

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Regulated Contaminant(s):

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

Item 2-7.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE DIETHYLENE GLYCOL (ETHANOL, 2,2'-OXYBIS-) EMISSIONS FROM THE PAPER MAKING PROCESS WILL BE CALCULATED USING THE CHEMICAL MANUFACTURERS HAP DATA AND THE QUANTITY USED ON THE PAPER MACHINE. THE EMISSIONS WILL BE CALCULATED ON A 12 MONTH ROLLING TOTAL TO ASSURE COMPLIANCE.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 19800 pounds per year

Reference Test Method: EPA Method 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MINIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2019.

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

Condition 2-8: Capping Monitoring Condition

Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 2-8.1:

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 2-8.2:

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

Item 2-8.3:

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,



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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 2-8.4:

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 2-8.5:

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 2-8.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY998-00-0 VOC

Item 2-8.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE VOLATILE ORGANIC COMPOUND EMISSIONS FROM THIS FACILITY ORIGINATE FROM THE NATURAL GAS-FIRED BOILER AND THE USAGE OF VOLATILE CHEMICALS DURING PAPER MAKING PROCESSING. THE FACILITY EMISSIONS ARE LIMITED TO AN EMISSION CAP OF 49 TONS PER TWELVE MONTHS.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 98000 pounds per year

Reference Test Method: EPA Method 28

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 1/30/2019.

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

Condition 2-9: Capping Monitoring Condition
Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

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Item 2-9.1:

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 2-9.2:

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

Item 2-9.3:

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 2-9.4:

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 2-9.5:

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 2-9.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 2-9.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE EMISSIONS OF NITROGEN OXIDES AT THE FACILITY ARE FROM THE NATURAL GAS-FIRED BOILER. THE NITROGEN OXIDES EMISSIONS ARE CALCULATED USING USEPA AP-42 EMISSION FACTOR.

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Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: NATURAL GAS
Upper Permit Limit: 55994 pounds per year
Reference Test Method: EPA Method 7E
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 1/30/2019.
Subsequent reports are due every 6 calendar month(s).

Condition 2-10: Capping Monitoring Condition
Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 2-10.1:

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 2-10.2:

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

Item 2-10.3:

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 2-10.4:

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 2-10.5:

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 2-10.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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CAS No: ONY100-00-0 TOTAL HAP

Item 2-10.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE HAP EMISSIONS FROM THIS FACILITY ORIGINATE FROM THE NATURAL GAS-FIRED BOILER AND THE USAGE OF HAZARDOUS CHEMICALS DURING PAPER MAKING PROCESSING. THE FACILITY EMISSIONS ARE LIMITED TO AN EMISSION CAP OF 24.9 TONS PER TWELVE MONTHS.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 49800 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 1/30/2019.

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

Condition 15: Air pollution prohibited
Effective between the dates of 06/13/2014 and 06/12/2024

Applicable Federal Requirement:6 NYCRR 211.1

Item 15.1:

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 2-11: Determination of Environmental Rating
Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement:6 NYCRR 212-1.3

Item 2-11.1:

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

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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;
- (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 2-12: Two or more process emission sources may be simultaneously emitted to the outdoor atmosphere through a single emission point

Effective between the dates of 08/07/2018 and 06/12/2024

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

Item 2-12.1:

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 2-13: Maintain all process emission sources, including the associated air pollution control and monitoring equipment
Effective between the dates of 08/07/2018 and 06/12/2024

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

Item 2-13.1:

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 2-14: Compliance Demonstration
Effective between the dates of 08/07/2018 and 06/12/2024

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

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Item 2-14.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 2-14.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
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 2-15: Compliance Demonstration
Effective between the dates of 08/07/2018 and 06/12/2024

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: 000107-21-1 1,2-ETHANEDIOL

Item 2-15.2:

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 Ethylene Glycol from this facility shall

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not exceed 2.25 pounds during any 1 hour period. Ethylene Glycol has been assigned an environmental rating of "B" based on facility location, 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 Ethylene Glycol 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 manufacturer composition data of the chemical and applicable emission factors.

Ethylene Glycol emissions should be tracked based on the number of hours the paper machine and boiler are running in conjunction with chemical usage. The chemical usage divided by the operation hours will yield a pound per hour value which should not exceed 2.25 pounds per 1 hour period. 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: PAPER

Upper Permit Limit: 2.25 pounds per hour

Reference Test Method: EPA Method 25

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2019.

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

Condition 2-16: Compliance Demonstration

Effective between the dates of 08/07/2018 and 06/12/2024

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: 000105-60-2 2H-AZEPIN-2-ONE, HEXAHYDRO

Item 2-16.2:

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 Caprolactam from this facility shall not exceed 2.25 pounds during any 1 hour period. Caprolactam has been assigned an environmental rating of "C" based on facility location, 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 Caprolactam 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 manufacturer composition data of the chemical and applicable emission factors.

Caprolactam emissions should be tracked based on the number of hours the paper machine and boiler are running in conjunction with chemical usage. The chemical usage divided by the operation hours will yield a pound per hour value which should not exceed 2.25 pounds per 1 hour period. 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: PAPER

Upper Permit Limit: 2.25 pounds per hour

Reference Test Method: EPA Method 25

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2019.

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

Condition 2-17: Compliance Demonstration
Effective between the dates of 08/07/2018 and 06/12/2024

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: 000057-55-6 METHYLETHYL GLYCOL

Item 2-17.2:

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 Propylene Glycol from this facility shall not exceed 2.25 pounds during any 1 hour period. Propylene Glycol has been assigned an environmental rating of "C" based on facility location, 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 propylene glycol 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 manufacturer composition data of the chemical and applicable emission factors.

Propylene Glycol emissions should be tracked based on the number of hours the paper machine and boiler are running in conjunction with chemical usage. The chemical usage divided by the operation hours will yield a pound per hour value which should not exceed 2.25 pounds per 1 hour period. 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: PAPER

Upper Permit Limit: 2.25 pounds per hour

Reference Test Method: EPA Method 25



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Monitoring Frequency: CONTINUOUS
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2019.
Subsequent reports are due every 6 calendar month(s).

Condition 2-18: Compliance Demonstration
Effective between the dates of 08/07/2018 and 06/12/2024

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: 000067-56-1 METHYL ALCOHOL

Item 2-18.2:

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 Methyl Alcohol from this facility shall not exceed 2.25 pounds during any 1 hour period. Methyl Alcohol has been assigned an environmental rating of "B" based on facility location, 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 methyl alcohol 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 manufacturer composition data of the chemical and applicable emission factors.

Methyl alcohol emissions should be tracked based on the



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number of hours the paper machine and boiler are running in conjunction with chemical usage. The chemical usage divided by the operation hours will yield a pound per hour value which should not exceed 2.25 pounds per 1 hour period. 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: PAPER

Upper Permit Limit: 2.25 pounds per hour

Reference Test Method: EPA Method 25

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2019.

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

Condition 2-19: Compliance Demonstration
Effective between the dates of 08/07/2018 and 06/12/2024

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: 000111-46-6 ETHANOL, 2,2'-OXYBIS-

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 Diethylene Glycol (Ethanol, 2,2'-Oxybis-) from this facility shall not exceed 2.25 pounds during any 1 hour period. Diethylene Glycol (Ethanol, 2,2'-Oxybis-) has been assigned an environmental rating of "B" based on facility location, characteristics of the contaminant, and

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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 Diethylene Glycol (Ethanol, 2,2'-Oxybis-) 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 manufacturer composition data of the chemical and applicable emission factors.

Diethylene Glycol (Ethanol, 2,2'-Oxybis-) emissions should be tracked based on the number of hours the paper machine and boiler are running in conjunction with chemical usage. The chemical usage divided by the operation hours will yield a pound per hour value which should not exceed 2.25 pounds per 1 hour period. 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: PAPER

Upper Permit Limit: 2.25 pounds per hour

Reference Test Method: EPA Method 25

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2019.

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

Condition 2-20: Compliance Demonstration
Effective between the dates of 08/07/2018 and 06/12/2024

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: 000110-80-5 ETHANOL, 2-ETHOXY-

Item 2-20.2:

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

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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 2-Ethoxy-Ethanol (Glycol Monoethyl Ether) from this facility shall not exceed 2.25 pounds during any 1 hour period. 2-Ethoxy-Ethanol has been assigned an environmental rating of "B" based on facility location, 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 2-Ethoxy-Ethanol 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 manufacturer composition data of the chemical and applicable emission factors.

2-Ethoxy-Ethanol emissions should be tracked based on the number of hours the paper machine and boiler are running in conjunction with chemical usage. The chemical usage divided by the operation hours will yield a pound per hour value which should not exceed 2.25 pounds per 1 hour period. 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: PAPER

Upper Permit Limit: 2.25 pounds per hour

Reference Test Method: EPA Method 25

Monitoring Frequency: CONTINUOUS

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2019.

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

Condition 2-21: Compliance Demonstration
Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement:6 NYCRR Part 212

Item 2-21.1:



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The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 007440-50-8 COPPER

Item 2-21.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE COPPER EMISSIONS FROM THE PAPER MAKING PROCESS WILL BE CALCULATED USING THE CHEMICAL MANUFACTURERS DATA AND THE QUANTITY USED ON THE PAPER MACHINE. THE EMISSIONS WILL BE CALCULATED ON A 12 MONTH ROLLING TOTAL TO ASSURE COMPLIANCE.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 2 pounds per year

Reference Test Method: EPA Method 29

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2019.

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

Condition 2-22: Compliance Demonstration

Effective between the dates of 08/07/2018 and 06/12/2024

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: 007773-06-0 AMMONIUM SULFAMATE

Item 2-22.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Ammonium Sulfamate emissions from the process area will be calculated on a 12-month rolling total using chemical manufacturer data, quantity of the chemicals used and appropriate emission factors. Emissions are limited to 0.11 pounds per hour.



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Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: PAPER
Upper Permit Limit: 0.11 pounds per hour
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 1/30/2019.
Subsequent reports are due every 6 calendar month(s).

Condition 2-23: Compliance Demonstration
Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement:6 NYCRR Part 212

Item 2-23.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 007783-20-2 SULFURIC ACID DIAMMONIUM SALT

Item 2-23.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

Ammonium Sulfate emissions from the process area will be calculated on a 12-month rolling total using chemical manufacturer data, quantity of the chemicals used and appropriate emission factors. Emissions are limited to 0.11 pounds per hour.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: PAPER
Upper Permit Limit: 0.11 pounds per hour
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 1/30/2019.
Subsequent reports are due every 6 calendar month(s).

Condition 2-24: Compliance Demonstration
Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement:6 NYCRR Part 212

Item 2-24.1:



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The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 034590-94-8 DIPROPYLENE GLYCOL METHYL ETHER

Item 2-24.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Dipropylene Glycol Methyl Ether emissions from the process area will be calculated on a 12-month rolling total using chemical manufacturer data, quantity of the chemicals used and appropriate emission factors. Emissions are limited to 1.14 pounds per hour.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 1.14 pounds per hour

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 1/30/2019.

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

Condition 2-25: Compliance Demonstration

Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement: 6 NYCRR Part 212

Item 2-25.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007782-50-5 CHLORINE

Item 2-25.2:

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

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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 435 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.

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: 435 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 1/30/2019.
Subsequent reports are due every 6 calendar month(s).

Condition 2-26: Compliance Demonstration
Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement: 6 NYCRR Part 212

Item 2-26.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 014807-96-6 TALC



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Item 2-26.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Talc emissions from the process area will be calculated on a 12-month rolling total using chemical manufacturer data, quantity of the chemicals used and appropriate emission factors. Emissions are limited to 0.02 pounds per hour.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 0.02 pounds per hour

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 1/30/2019.

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

Condition 2-27: Compliance Demonstration

Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement:6 NYCRR Part 212

Item 2-27.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000107-98-2 2-PROPANOL, 1-METHOXY

Item 2-27.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The 1-Methoxy-2-Propanol emissions from the process area will be calculated on a 12-month rolling total using chemical manufacturer data, quantity of the chemicals used and appropriate emission factors. The emissions are limited to 1.14 pounds per hour.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 1.14 pounds per hour

Reference Test Method: EPA Method 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

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Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2019.

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

Condition 2-28: Compliance Demonstration
Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement:6 NYCRR Part 212

Item 2-28.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000872-50-4 1-METHYL-2-PYRROLIDONE

Item 2-28.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

The 1-Methyl-2-Pyrrolidone emissions from the process area will be calculated on a 12-month rolling total using chemical manufacturer data, quantity of the chemicals used and appropriate emission factors. The emissions are limited to 0.11 pounds per hour.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 0.11 pounds per hour

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 1/30/2019.

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

Condition 2-29: Compliance Demonstration
Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement:6 NYCRR Part 212

Item 2-29.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

Item 2-29.2:

Compliance Demonstration shall include the following monitoring:

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Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The 2,2 Iminobis Ethanol emissions from the process area will be calculated on a 12-month rolling total using chemical manufacturer HAP data, quantity of the chemicals used and appropriate emission factors. The emissions of 2,2 Iminobis Ethanol are limited to 0.57 pounds per hour.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 0.57 pounds per hour

Reference Test Method: EPA Method 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2019.

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

Condition 2-30: Compliance Demonstration
Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement: 6 NYCRR Part 212

Item 2-30.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000124-68-5 2-AMINO-2-METHYL-1-PROPANOL

Item 2-30.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The 2-Amino-2-Methyl-1-Propanol (Isobutanolamine) emissions from the process area will be calculated on a 12-month rolling total using chemical manufacturer data, quantity of the chemicals used and appropriate emission factors. The emissions are limited to 0.11 pounds per hour.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 0.11 pounds per hour

Reference Test Method: EPA Method 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

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Reports due 30 days after the reporting period.
The initial report is due 1/30/2019.
Subsequent reports are due every 6 calendar month(s).

Condition 2-31: Compliance Demonstration
Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement:6 NYCRR Part 212

Item 2-31.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 000100-51-6 BENZYL ALCOHOL

Item 2-31.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

Monitoring Description:

The Benzyl Alcohol emissions from the process area will be calculated on a 12-month rolling total using chemical manufacturer data, quantity of the chemicals used and appropriate emission factors. The emissions of Benzyl Alcohol are limited to 0.11 pounds per hour.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 0.11 pounds per hour

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 1/30/2019.

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

Condition 2-32: Compliance Demonstration
Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement:6 NYCRR Part 212

Item 2-32.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 2-32.2:

Compliance Demonstration shall include the following monitoring:



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Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The Glyoxal (Ethanediol) emissions from the process area will be calculated on a 12-month rolling total using chemical manufacturer data, quantity of the chemicals used and appropriate emission factors. The emissions are limited to 0.02 pounds per hour.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 0.02 pounds per hour

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 1/30/2019.

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

Condition 2-33: Compliance Demonstration
Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement:6 NYCRR Part 212

Item 2-33.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 001332-58-7 KAOLIN (CLAY)

Item 2-33.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The Kaolin emissions from the process area will be calculated on a 12-month rolling total using chemical manufacturer data, quantity of the chemicals used and appropriate emission factors. The emissions of Kaolin are limited to 0.24 pounds per hour.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 0.24 pounds per hour

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 1/30/2019.



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

Condition 2-34: Compliance Demonstration
Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement:6 NYCRR Part 212

Item 2-34.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 2-34.2:

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 on a 12-month rolling total using chemical manufacturer data, quantity of the chemicals used and appropriate emission factors. The Sodium Carbonate emissions are limited to 0.57 pounds per hour.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 0.57 pounds per hour

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 1/30/2019.

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

Condition 2-35: Compliance Demonstration
Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement:6 NYCRR Part 212

Item 2-35.1:

The Compliance Demonstration activity will be performed for the Facility.

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

Item 2-35.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC
OPERATIONS

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Monitoring Description:

The Triethanolamine emissions from the process area will be calculated on a 12-month rolling total using chemical manufacturer data, quantity of the chemicals used and appropriate emission factors. The emissions of Triethanolamine are limited to 0.11 pounds per hour.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 0.11 pounds per hour

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 1/30/2019.

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

Condition 2-36: Compliance Demonstration
Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement: 6 NYCRR Part 212

Item 2-36.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007440-67-7 ZIRCONIUM

Item 2-36.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

The Zirconium emissions from the process area will be calculated on a 12-month rolling total using chemical manufacturer data, quantity of the chemicals used and appropriate emission factors. The emissions of Zirconium are limited to 0.057 pounds per hour.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 0.057 pounds per hour

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 1/30/2019.

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

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Condition 2-37: Compliance Demonstration

Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement:6 NYCRR Part 212

Item 2-37.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 013463-67-7 TITANIUM DIOXIDE

Item 2-37.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Titanium Dioxide emissions from the process area will be calculated on a 12-month rolling total using chemical manufacturer data, quantity of the chemicals used and appropriate emission factors. Emissions are limited to 0.57 pounds per hour.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 0.57 pounds per hour

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 1/30/2019.

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

Condition 2-38: Compliance Demonstration

Effective between the dates of 08/07/2018 and 06/12/2024

Applicable Federal Requirement:6 NYCRR Part 212

Item 2-38.1:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

Item 2-38.2:

Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Ammonia emissions from the process area will be calculated on a 12-month rolling total using chemical

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manufacturer data, quantity of the chemicals used and appropriate emission factors. Ammonia emissions are limited to 0.11 pounds per hour.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 0.11 pounds per hour

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 1/30/2019.

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

**Condition 2-39: Boilers not subject
Effective between the dates of 08/07/2018 and 06/12/2024**

Applicable Federal Requirement:40CFR 63.11195, NESHAP Subpart

JJJJJ

Item 2-39.1:

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.

(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).

(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 JJJJJ.

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

(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 JJJJJ.



(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) as defined in subpart JJJJJJ.

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

Condition 16: Capping Monitoring Condition
Effective between the dates of 06/13/2014 and 06/12/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 16.1:

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 16.2:

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

Item 16.3:

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 16.4:

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 16.5:

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 16.6:



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The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00001

Emission Point: 00001

Process: 012

Regulated Contaminant(s):

CAS No: ONY998-00-0 VOC

Item 16.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE VOC EMISSIONS FROM THE BIGELOW BOILER OPERATING ON NATURAL GAS WILL BE CALCULATED ACCORDING TO AN EMISSION FACTOR FROM USEPA AP-42 STANDARDS. THE EMISSIONS WILL BE CALCULATED ON A 12 MONTH ROLLING TOTAL.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NATURAL GAS

Upper Permit Limit: 1119 pounds per year

Reference Test Method: EPA Method 25

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

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 21: Capping Monitoring Condition

Effective between the dates of 06/13/2014 and 06/12/2024

Applicable Federal Requirement:6 NYCRR Subpart 201-7

Item 21.1:

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 21.2:

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

Item 21.3:

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 21.4:

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 21.5:

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 21.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00002

Process: 173

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

Item 21.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE PARTICULATE EMISSIONS FROM THE PAPER MAKING PROCESS WILL BE CALCULATED USING THE CHEMICAL MANUFACTURERS DATA AND THE QUANTITY USED ON THE PAPER MACHINE. THE EMISSIONS WILL BE CALCULATED ON A 12 MONTH ROLLING TOTAL TO ASSURE COMPLIANCE.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 3767 pounds per year

Reference Test Method: EPA Method 5

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

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).

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Condition 22: Capping Monitoring Condition
Effective between the dates of 06/13/2014 and 06/12/2024

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

Item 22.1:

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 22.2:

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

Item 22.3:

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 22.4:

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 22.5:

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 22.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00002
Process: 173

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

Item 22.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC

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Monitoring Description:

THE VOC EMISSIONS FROM THE PAPER MAKING PROCESS WILL BE CALCULATED USING THE CHEMICAL MANUFACTURERS VOC DATA AND THE QUANTITY USED ON THE PAPER MACHINE. THE EMISSIONS WILL BE CALCULATED ON A 12 MONTH ROLLING TOTAL TO ASSURE COMPLIANCE.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 96881 pounds per year

Reference Test Method: EPA Method 25

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

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).



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 38: Contaminant List
Effective between the dates of 06/13/2014 and 06/12/2024

Applicable State Requirement:ECL 19-0301

Item 38.1:

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

CAS No: 000057-55-6
Name: METHYLETHYL GLYCOL

CAS No: 000067-56-1
Name: METHYL ALCOHOL

CAS No: 000100-51-6
Name: BENZYL ALCOHOL

CAS No: 000102-71-6

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Name: 2,2,2-NITRILOTRIS ETHANOL

CAS No: 000105-60-2

Name: 2H-AZEPIN-2-ONE,HEXAHYDRO

CAS No: 000107-21-1

Name: 1,2-ETHANEDIOL

CAS No: 000107-22-2

Name: ETHANEDIOL

CAS No: 000107-98-2

Name: 2-PROPANOL, 1-METHOXY

CAS No: 000110-80-5

Name: ETHANOL, 2-ETHOXY-

CAS No: 000111-42-2

Name: ETHANOL, 2,2'-IMINOBIS-

CAS No: 000111-46-6

Name: ETHANOL, 2,2'-OXYBIS-

CAS No: 000124-68-5

Name: 2-AMINO-2-METHYL-1-PROPANOL

CAS No: 000497-19-8

Name: SODIUM CARBONATE

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 000872-50-4

Name: 1-METHYL-2-PYRROLIDONE

CAS No: 001332-58-7

Name: KAOLIN (CLAY)

CAS No: 007440-50-8

Name: COPPER

CAS No: 007440-67-7

Name: ZIRCONIUM

CAS No: 007664-41-7

Name: AMMONIA

CAS No: 007773-06-0

Name: AMMONIUM SULFAMATE

CAS No: 007782-50-5

Name: CHLORINE

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CAS No: 007783-20-2
Name: SULFURIC ACID DIAMMONIUM SALT

CAS No: 013463-67-7
Name: TITANIUM DIOXIDE

CAS No: 014807-96-6
Name: TALC

CAS No: 034590-94-8
Name: DIPROPYLENE GLYCOL METHYL ETHER

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

CAS No: 0NY100-00-0
Name: TOTAL HAP

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

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

**Condition 39: Malfunctions and start-up/shutdown activities
Effective between the dates of 06/13/2014 and 06/12/2024**

Applicable State Requirement:6 NYCRR 201-1.4

Item 39.1:

(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



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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 40: Emission Unit Definition
Effective between the dates of 06/13/2014 and 06/12/2024**

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 40.1(From Mod 2):

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

Emission Unit: 6-00001

Emission Unit Description:

Emission Unit #6-00001 is a steam generating boiler utilized for producing steam for the paper machine and building heating. The current boiler is a 47.0 MMBtu/hr per hour Bigelow boiler that operates on natural gas only. The boiler is connected to a common stack, emission point #00001. This emission point is a 130 foot brick stack with an inside diameter of 6 feet.

Building(s): FINWHSE
LOADING
NORTH (1)
OLD MACH
SOUTH (1)

Item 40.2(From Mod 2):

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

Emission Unit: 6-00002

Emission Unit Description:

The paper machine at the facility is considered emission unit 6-00002. This emission unit has a total of nine emission points for the dryer hood and process area. Five of the exhaust points directly from the paper machine (EPs 9,14-17) consist of one from the vacuum pump system, three from the wet end of the paper machine, and one from the dryer hood of the paper machine. Three EPs (EPs 10-12) are exhaust fans from the pulping area of the process and one other, emission point 13 is the exhaust fan from the

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chemical mixing area. The pollutants emitted from these points are hazardous air pollutants, regulated air pollutants, volatile organic compounds from the chemicals used in the paper making process, and particulate matter.

Building(s): CENTER (1)
CENTER (2)
CENTER (3)
FIBERS
NORTH (2)
PULPER
SOUTH (2)
SOUTH (3)

**Condition 41: Renewal deadlines for state facility permits
Effective between the dates of 06/13/2014 and 06/12/2024**

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

Item 41.1:

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 42: Compliance Demonstration
Effective between the dates of 06/13/2014 and 06/12/2024**

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

Item 42.1:

The Compliance Demonstration activity will be performed for the Facility.

Item 42.2:

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: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 43: Visible Emissions Limited

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Effective between the dates of 06/13/2014 and 06/12/2024

Applicable State Requirement:6 NYCRR 211.2

Item 43.1:

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.

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

**Condition 44: Emission Point Definition By Emission Unit
Effective between the dates of 06/13/2014 and 06/12/2024**

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 44.1(From Mod 2):

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

Emission Unit: 6-00001

Emission Point: 00001

Height (ft.): 130

Diameter (in.): 75

NYTMN (km.): 4764.161 NYTME (km.): 510.418 Building: SOUTH (1)

Item 44.2(From Mod 2):

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

Emission Unit: 6-00002

Emission Point: 00009

Height (ft.): 39

Diameter (in.): 8

NYTMN (km.): 4764.161 NYTME (km.): 510.418 Building: SOUTH (3)

Emission Point: 00010

Height (ft.): 22

Diameter (in.): 36

NYTMN (km.): 4764.112 NYTME (km.): 510.372

Emission Point: 00011

Height (ft.): 22

Diameter (in.): 36

NYTMN (km.): 4764.108 NYTME (km.): 510.372

Emission Point: 00012

Height (ft.): 22

Diameter (in.): 36

NYTMN (km.): 4764.1 NYTME (km.): 510.363

Emission Point: 00013

Height (ft.): 37

Diameter (in.): 36

NYTMN (km.): 4764.132 NYTME (km.): 510.386



Emission Point: 00014
Height (ft.): 32 Diameter (in.): 38
NYTMN (km.): 4764.153 NYTME (km.): 510.422

Emission Point: 00015
Height (ft.): 32 Diameter (in.): 38
NYTMN (km.): 4764.155 NYTME (km.): 510.419

Emission Point: 00016
Height (ft.): 32 Diameter (in.): 38
NYTMN (km.): 4764.16 NYTME (km.): 510.417

Emission Point: 00017
Height (ft.): 41 Length (in.): 111 Width (in.): 71
NYTMN (km.): 4764.164 NYTME (km.): 510.435

Condition 45: Process Definition By Emission Unit
Effective between the dates of 06/13/2014 and 06/12/2024

Applicable State Requirement:6 NYCRR Subpart 201-5

Item 45.1(From Mod 2):

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

Emission Unit: 6-00001
Process: 012 Source Classification Code: 1-02-006-02
Process Description:

This process is emission unit 6-00001 for the Bigelow steam generating boiler. The boiler is 47 mmbtu/hr firing natural gas only. The bigelow boiler utilizes emission point #00001. The pollutant emissions characteristics of the Bigelow boiler are summarized as follows:

Particulate Matter (Total) - 0.003 lbs/MMBtu -0.141 lbs/hour - 1,235 lbs/year (manufacturer's data);
Sulfur Dioxides - 0.0006 lbs/MMBtu - 0.0282 lbs/hour - 247 lbs/year (EPA AP-42 Standard);
Nitrogen Oxides - 0.136 lbs/MMBtu - 6.39 lbs/hour - 55,994 lbs/year (manufacturer's data);
Carbon Monoxide - 0.034 lbs/MMBtu - 1.60lbs/hour - 13,990 lbs/year (manufacturer's data)
Volatile Organic Compounds - 0.00272 lbs/MMBtu - 0.128 lbs/hour - 1,119 lbs/year (EPA AP-42 Standard)

Emission Source/Control: 00001 - Combustion
Design Capacity: 47 million Btu per hour

Item 45.2(From Mod 2):

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



Emission Unit: 6-00002

Process: 173

Source Classification Code: 3-07-004-01

Process Description:

Emission unit #00002 is comprised of a paper machine with nine (9) emission points from the paper making process. The paper machine at the facility produces a maximum of 50 tons of paper per day. The drying of the paper sheet is completed as the sheet of paper passes across a series of three foot diameter dryer rolls that are heated with steam produced by the boiler at the facility. In the paper making process, chemicals and the paper dyes are used that contain volatile organic compounds, regulated air pollutants, and hazardous air pollutants. These pollutants are exhausted through nine (9) emission points. Particulate matter is also generated from the drying of the paper and cutting and preparing of the final roll of paper for the customer.

Emission Source/Control: 00002 - Process

Design Capacity: 50 tons per day

