



**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 6-2109-00021/00006  
Effective Date: 06/13/2014 Expiration Date: 06/12/2024

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

Contact: PETER J BURKDORF  
BURROWS PAPER CORP  
501 W MAIN ST  
LITTLE FALLS, NY 13365-1817  
(315) 266-1754

Facility: BURROWS PAPER - MOHAWK VALLEY DIV  
489 W MAIN ST  
LITTLE FALLS, NY 13365

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

**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.

**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:            LAWRENCE R AMBEAU  
    NYSDEC - REGION 6  
    317 WASHINGTON ST  
    WATERTOWN, NY 13601

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_\_



**Notification of Other State Permittee Obligations**

**Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification**

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

**Item B: Permittee's Contractors to Comply with Permit**

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

**Item C: Permittee Responsible for Obtaining Other Required Permits**

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

**Item D: No Right to Trespass or Interfere with Riparian Rights**

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

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

**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 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  
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: BURROWS PAPER - MOHAWK VALLEY DIV  
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)

Permit Effective Date: 06/13/2014

Permit Expiration Date: 06/12/2024



**LIST OF CONDITIONS**

**FEDERALLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 1 6 NYCRR Subpart 201-7: Facility Permissible Emissions
- \*2 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*3 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*4 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*5 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*6 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*7 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*8 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*9 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*10 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*11 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*12 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*13 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*14 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- 15 6 NYCRR 211.1: Air pollution prohibited

**Emission Unit Level**

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

- \*16 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*17 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*18 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*19 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*20 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
- \*23 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*24 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*25 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*26 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*27 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*28 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*29 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*30 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*31 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*32 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*33 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*34 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*35 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*36 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*37 6 NYCRR Subpart 201-7: Capping Monitoring Condition

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

- 38 ECL 19-0301: Contaminant List

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- 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**





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:

CAS No: 000057-55-6 Name: METHYLETHYL GLYCOL	PTE: 19,800 pounds per year
CAS No: 000067-56-1 Name: METHYL ALCOHOL	PTE: 19,800 pounds per year
CAS No: 000100-51-6 Name: BENZYL ALCOHOL	PTE: 1,000 pounds per year
CAS No: 000102-71-6 Name: 2,2,2-NITRILOTRIS ETHANOL	PTE: 1,000 pounds per year
CAS No: 000105-60-2 Name: 2H-AZEPIN-2-ONE,HEXAHYDRO	PTE: 19,800 pounds per year
CAS No: 000107-21-1 Name: 1,2-ETHANEDIOL	PTE: 19,800 pounds per year
CAS No: 000107-22-2 Name: ETHANEDIOL	PTE: 200 pounds per year
CAS No: 000107-98-2 Name: 2-PROPANOL, 1-METHOXY	PTE: 10,000 pounds per year
CAS No: 000110-80-5	PTE: 19,800 pounds per year

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Name: ETHANOL, 2-ETHOXY-

CAS No: 000111-42-2 PTE: 5,000 pounds per year

Name: ETHANOL, 2,2'-IMINOBIS-

CAS No: 000111-46-6 PTE: 19,800 pounds per year

Name: ETHANOL, 2,2'-OXYBIS-

CAS No: 000124-68-5 PTE: 1,000 pounds per year

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

CAS No: 000497-19-8 PTE: 5,000 pounds per year

Name: SODIUM CARBONATE

CAS No: 000630-08-0 PTE: 13,990 pounds per year

Name: CARBON MONOXIDE

CAS No: 000872-50-4 PTE: 1,000 pounds per year

Name: 1-METHYL-2-PYRROLIDONE

CAS No: 001332-58-7 PTE: 2,000 pounds per year

Name: KAOLIN (CLAY)

CAS No: 007440-50-8 PTE: 2 pounds per year

Name: COPPER

CAS No: 007440-67-7 PTE: 500 pounds per year

Name: ZIRCONIUM

CAS No: 007446-09-5 PTE: 247 pounds per year

Name: SULFUR DIOXIDE

CAS No: 007664-41-7 PTE: 1,000 pounds per year

Name: AMMONIA

CAS No: 007773-06-0 PTE: 1,000 pounds per year

Name: AMMONIUM SULFAMATE

CAS No: 007783-20-2 PTE: 1,000 pounds per year

Name: SULFURIC ACID DIAMMONIUM SALT

CAS No: 013463-67-7 PTE: 5,000 pounds per year

Name: TITANIUM DIOXIDE

CAS No: 014807-96-6 PTE: 200 pounds per year

Name: TALC

CAS No: 034590-94-8 PTE: 10,000 pounds per year

Name: DIPROPYLENE GLYCOL METHYL ETHER

CAS No: 0NY075-00-0 PTE: 5,002 pounds per year

Name: PARTICULATES



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CAS No: 0NY100-00-0 PTE: 49,800 pounds per year  
Name: TOTAL HAP

CAS No: 0NY210-00-0 PTE: 55,994 pounds per year  
Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0 PTE: 98,000 pounds per year  
Name: VOC

**Condition 2: Capping Monitoring Condition  
Effective between the dates of 06/13/2014 and 06/12/2024**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 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:**

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:**

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:**

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:**

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:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

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**Item 2.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE 2,2 IMINOBIS 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: 5000 pounds per year

Reference Test Method: EPA Method 25

Monitoring Frequency: MONTHLY

Averaging Method: 12 MONTH AVERAGE - 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 3: Capping Monitoring Condition**  
**Effective between the dates of 06/13/2014 and 06/12/2024**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 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 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 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 3.4:**



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

6 NYCRR 201-6.1 (a)

**Item 4.2:**

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

**Item 4.3:**

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

**Item 4.4:**

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

**Item 4.5:**

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

**Item 4.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000067-56-1 METHYL ALCOHOL

**Item 4.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE METHANOL 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



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**Item 5.7:**

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: 12 MONTH AVERAGE - 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 6: Capping Monitoring Condition**  
**Effective between the dates of 06/13/2014 and 06/12/2024**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 6.1:**

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

6 NYCRR 201-6.1 (a)

**Item 6.2:**

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

**Item 6.3:**

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

**Item 6.4:**

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

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

**Item 6.5:**

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

**Item 6.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 0NY075-00-0 PARTICULATES

**Item 6.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

Particulate emissions from the facility are generated by the steam generating boiler and the paper making process. The PTE particulate emissions from the boiler are based on the boiler are based on the boiler manufacturer's emission data.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NATURAL GAS

Upper Permit Limit: 5002 pounds per year

Reference Test Method: EPA Method 5

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 1/30/2015.

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

**Condition 7: Capping Monitoring Condition**

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

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 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:

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6 NYCRR 201-6.1 (a)

**Item 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 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 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 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 7.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

**Item 7.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

SULFUR DIOXIDE EMISSIONS FROM THE FACILITY ARE FROM THE COMBUSTION OF NATURAL GAS FROM THE 47 MMBTU BOILER. THE SULFUR DIOXIDE EMISSIONS ARE CALCULATED USING USEPA AP-42 EMISSION FACTOR.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NATURAL GAS

Upper Permit Limit: 247 pounds per year

Reference Test Method: EPA Method 6

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY



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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: 12 MONTH AVERAGE - 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 9: Capping Monitoring Condition**  
**Effective between the dates of 06/13/2014 and 06/12/2024**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 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 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 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 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

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applicable requirement.

**Item 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 9.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000057-55-6

METHYLETHYL GLYCOL

CAS No: 000105-60-2

2H-AZEPIN-2-ONE,HEXAHYDRO

**Item 9.7:**

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: 12 MONTH AVERAGE - 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 10: Capping Monitoring Condition**

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

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 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:

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6 NYCRR 201-6.1 (a)

**Item 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 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 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 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 10.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000630-08-0 CARBON MONOXIDE

**Item 10.7:**

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: 12 MONTH AVERAGE - ROLLED MONTHLY



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Permit ID: 6-2109-00021/00006

Facility DEC ID: 6210900021



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

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 12.1:**

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 12.2:**

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

**Item 12.3:**

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 12.4:**

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



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period and a comparison to the threshold levels that would require compliance with an applicable requirement.

**Item 12.5:**

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 12.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 12.7:**

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.

Work Practice Type: PROCESS MATERIAL THROUGHPUT

Process Material: NATURAL GAS

Upper Permit Limit: 55994 pounds per year

Reference Test Method: EPA Method 7E

Monitoring Frequency: MONTHLY

Averaging Method: 12 MONTH AVERAGE - 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 13: Capping Monitoring Condition**

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

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 13.1:**

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 13.2:**

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

**Item 13.3:**

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 13.4:**

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 13.5:**

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 13.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 13.7:**

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: 12-MONTH TOTAL, ROLLED MONTHLY

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

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The initial report is due 1/30/2015.  
Subsequent reports are due every 12 calendar month(s).

**Condition 14: Capping Monitoring Condition**  
**Effective between the dates of 06/13/2014 and 06/12/2024**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 14.1:**

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 14.2:**

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

**Item 14.3:**

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 14.4:**

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 14.5:**

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 14.6:**

The Compliance Demonstration activity will be performed for the Facility.

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

**Item 14.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes  
Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

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Permit ID: 6-2109-00021/00006

Facility DEC ID: 6210900021



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 24.5 TONS PER TWELVE MONTHS.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PAPER

Upper Permit Limit: 49000 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 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.

\*\*\*\* 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)



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**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:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00001                      Emission Point: 00001  
Process: 012

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



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**Item 17.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE SULFUR DIOXIDE EMISSIONS FROM THE BIGELOW BOILER OPERATING ON NATURAL GAS WILL BE CALCULATED BASED ON THE EMISSION RATE AS QUARANTEED BY THE BURNER MANUFACTURER. THE EMISSION WILL BE CALCULATED ON A 12 MONTH ROLLING TOTAL.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NATURAL GAS

Upper Permit Limit: 247 pounds per year

Reference Test Method: EPA Method 6

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 18: Capping Monitoring Condition**

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

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 18.1:**

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 18.2:**

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

**Item 18.3:**

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 18.4:**

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

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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 18.5:**

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 18.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00001                      Emission Point: 00001  
Process: 012

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

**Item 18.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

THE PARTICULATE MATTER EMISSIONS FROM  
THE BIGELOW BOILER OPERATING ON NATURAL  
GAS WILL BE CALCULATED BASED ON THE  
EMISSION RATE AS GUARANTEED BY THE BURNER  
MANUFACTURER. THE EMISSIONS WILL BE  
CALCULATED ON A 12 MONTH ROLLING TOTAL.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: NATURAL GAS

Upper Permit Limit: 1235 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).

**Condition 19:      Capping Monitoring Condition**  
**Effective between the dates of 06/13/2014 and 06/12/2024**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 19.1:**

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

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

6 NYCRR 201-6.1 (a)

**Item 19.2:**

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

**Item 19.3:**

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 19.4:**

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 19.5:**

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 19.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00001  
Process: 012

Emission Point: 00001

Regulated Contaminant(s):

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

**Item 19.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE NITROGEN OXIDES EMISSIONS FROM THE BIGELOW BOILER WILL BE CALCULATED BASED ON THE USEPA- AP-42 EMISSION FACTORS. THE EMISSIONS WILL BE CALCULATED ON A 12 MONTH ROLLING TOTAL.

Work Practice Type: PROCESS MATERIAL THRUPUT

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Process Material: NATURAL GAS  
Upper Permit Limit: 55994 pounds per year  
Reference Test Method: EPA Method 7E  
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 20: Capping Monitoring Condition**  
**Effective between the dates of 06/13/2014 and 06/12/2024**

**Applicable Federal Requirement: 6 NYCRR Subpart 201-7**

**Item 20.1:**

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 20.2:**

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

**Item 20.3:**

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 20.4:**

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 20.5:**

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 20.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00001

Emission Point: 00001

Process: 012

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Regulated Contaminant(s):  
CAS No: 000630-08-0 CARBON MONOXIDE

**Item 20.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE CARBON MONOXIDE EMISSIONS FROM THE BIGELOW BOILER OPERATING ON NATURAL GAS WILL BE CALCULATED BASED ON THE EMISSION RATE AS QUARANTEED BY THE BURNER MANUFACTURER. THE EMISSIONS WILL BE CALCULATED ON A 12 MONTH ROLLING TOTAL.

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: 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 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.

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**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).

**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 OPERATIONS

Monitoring Description:

THE VOC EMISSIONS FROM THE PAPER MAKING PROCESS WILL BE CALCULATED USING THE



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the Act.

**Item 23.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00002

Process: 173

Regulated Contaminant(s):

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

**Item 23.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE 1-METHYL-2-PYRROLIDONE 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: 1000 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 24: Capping Monitoring Condition**

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

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 24.1:**

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 24.2:**

Operation of this facility shall take place in accordance with the approved criteria, emission

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limits, terms, conditions and standards in this permit.

**Item 24.3:**

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 24.4:**

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 24.5:**

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 24.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00002

Process: 173

Regulated Contaminant(s):

CAS No: 007440-67-7      ZIRCONIUM

**Item 24.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE ZIRCONIUM ZR 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: 500 pounds per year

Reference Test Method: EPA Method 25

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY



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

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 25.1:**

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 25.2:**

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

**Item 25.3:**

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 25.4:**

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 25.5:**

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 25.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00002  
Process: 173

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

**Item 25.7:**

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Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE SODIUM CARBONATE 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: 5000 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 26: Capping Monitoring Condition  
Effective between the dates of 06/13/2014 and 06/12/2024**

**Applicable Federal Requirement: 6 NYCRR Subpart 201-7**

**Item 26.1:**

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 26.2:**

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

**Item 26.3:**

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 26.4:**

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



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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 27.2:**

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

**Item 27.3:**

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 27.4:**

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 27.5:**

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 27.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00002

Process: 173

Regulated Contaminant(s):

CAS No: 014807-96-6 TALC

**Item 27.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE TALC 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: 200 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 28: Capping Monitoring Condition**  
**Effective between the dates of 06/13/2014 and 06/12/2024**

**Applicable Federal Requirement: 6 NYCRR Subpart 201-7**

**Item 28.1:**

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 28.2:**

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

**Item 28.3:**

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 28.4:**

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 28.5:**

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 28.6:**

The Compliance Demonstration activity will be performed for:



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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 29.4:**

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 29.5:**

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 29.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00002  
Process: 173

Regulated Contaminant(s):  
CAS No: 001332-58-7      KAOLIN (CLAY)

**Item 29.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE KAOLIN (CLAY) 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: 2000 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).





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Monitoring Description:

THE GLYOXAL (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: 200 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 31: Capping Monitoring Condition**  
**Effective between the dates of 06/13/2014 and 06/12/2024**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 31.1:**

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 31.2:**

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

**Item 31.3:**

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 31.4:**

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.



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6 NYCRR 201-6.1 (a)

**Item 32.2:**

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

**Item 32.3:**

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 32.4:**

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 32.5:**

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 32.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00002

Process: 173

Regulated Contaminant(s):

CAS No: 007773-06-0 AMMONIUM SULFAMATE

**Item 32.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE AMMONIUM SULFAMATE 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



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Regulated Contaminant(s):

CAS No: 007664-41-7 AMMONIA

**Item 33.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE AMMONIA 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: 1000 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 34: Capping Monitoring Condition  
Effective between the dates of 06/13/2014 and 06/12/2024**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 34.1:**

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 34.2:**

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

**Item 34.3:**

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.





**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 35.1:**

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 35.2:**

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

**Item 35.3:**

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 35.4:**

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 35.5:**

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 35.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00002

Process: 173

Regulated Contaminant(s):

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

**Item 35.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE 2-AMINO-2-METHYL-1-PROPANOL EMISSIONS FROM THE PAPER MAKING PROCESS

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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: 1000 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 36: Capping Monitoring Condition**  
**Effective between the dates of 06/13/2014 and 06/12/2024**

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 36.1:**

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 36.2:**

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

**Item 36.3:**

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 36.4:**

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 36.5:**

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

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the Act.

**Item 36.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00002

Process: 173

Regulated Contaminant(s):

CAS No: 000100-51-6 BENZYL ALCOHOL

**Item 36.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE BENZYL ALCOHOL 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: 1000 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 37: Capping Monitoring Condition**

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

**Applicable Federal Requirement:6 NYCRR Subpart 201-7**

**Item 37.1:**

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 37.2:**

Operation of this facility shall take place in accordance with the approved criteria, emission

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limits, terms, conditions and standards in this permit.

**Item 37.3:**

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 37.4:**

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 37.5:**

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 37.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00002

Process: 173

Regulated Contaminant(s):

CAS No: 000102-71-6      2,2,2-NITRILOTRIS ETHANOL

**Item 37.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE 2,2,2-NITRILOTRIS 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: 1000 pounds per year

Reference Test Method: EPA Method 25

Monitoring Frequency: MONTHLY

Averaging Method: 12-MONTH TOTAL, ROLLED MONTHLY

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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: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 007664-41-7

Name: AMMONIA

CAS No: 007773-06-0

Name: AMMONIUM SULFAMATE



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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:**

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 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:**

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 following the addition of a new dryer hood will have 9 emission points. Five of the exhaust points directly from the paper machine (EPs 9,14-17) will 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

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fan from the 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)  
NORTH(2)  
PULPER  
SOUTH (3)  
SOUTH(2)

**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:**

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:**

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



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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:**

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.

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

**Item 45.2:**

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:

This process is for paper making. The paper machine can produce up to 50 tons per day.

Emission Source/Control: 00002 - Process  
Design Capacity: 50 tons per day