



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

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 6-2338-00002/00011  
Effective Date: 06/17/2014 Expiration Date: 06/16/2024

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

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

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

**Description:**

This application is required to limit the use of No. 2 fuel oil for the Nebraska Boiler at the Lyonsdale facility. We request limiting the use of fuel oil to only periods of gas curtailment, gas supply emergencies, or periodic testing of the boiler burners on No. 2 fuel oil. Periodic testing of No. 2 fuel will not be exceed a combined total of 48 hrs during any calendar year.

We are requesting that the Cristobalite and Quartz be removed from our permit due to the chemicals containing these pollutants is no longer in use.

We are also requesting that Sodium Percarbonate, Magnesite, Urea, and Sodium Metasilicate be removed from our permit as they are no longer listed in DAR-1 tables.

Finally, we are requesting to add Glyoxal to our permit. The pollutant is a component of a chemical proposed to be used in our paper making process. Glyoxal is listed in the DAR-1 AGC/SGC tables with an AGC based on a TLV. We are also requesting that Petroleum Distillate be added to our permit as it is listed in the DAR-1 tables.

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



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: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



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

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

**IDENTIFICATION INFORMATION**

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

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

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

Permit Effective Date: 06/17/2014

Permit Expiration Date: 06/16/2024



**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 211.1: Air pollution prohibited
- 13 40CFR 63.11195, NESHAP Subpart JJJJJ: Boilers not subject

**Emission Unit Level**

**EU=6-00003,Proc=173**

- \*14 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*15 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*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
- \*21 6 NYCRR Subpart 201-7: Capping Monitoring Condition
- \*22 6 NYCRR Subpart 201-7: Capping Monitoring Condition

**STATE ONLY ENFORCEABLE CONDITIONS**

**Facility Level**

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

**Emission Unit Level**

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

NOTE: \* preceding the condition number indicates capping.





**FEDERALLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

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

**Item A: Sealing - 6 NYCRR 200.5**

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

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

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

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

**Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6**

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

**Item C: Maintenance of Equipment - 6 NYCRR 200.7**

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



required to operate such device effectively.

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

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

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

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

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

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

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

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

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

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

**Item H: Proof of Eligibility for Sources Defined as Trivial**

# New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



## **Activities - 6 NYCRR 201-3.3 (a)**

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

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

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

## **Item J: Open Fires Prohibitions - 6 NYCRR 215.2**

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

## **Item K: Permit Exclusion - ECL 19-0305**

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

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

# New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



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

## FEDERAL APPLICABLE REQUIREMENTS

The following conditions are federally enforceable.

**Condition 1: Facility Permissible Emissions**  
**Effective between the dates of 06/17/2014 and 06/16/2024**

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

### Item 1.1:

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

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

CAS No: 000056-81-5 Name: GLYCEROL	PTE: 100 pounds per year
CAS No: 000057-55-6 Name: METHYLETHYL GLYCOL	PTE: 500 pounds per year
CAS No: 000102-71-6 Name: 2,2,2-NITRILOTRIS ETHANOL	PTE: 100 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: 260 pounds per year
CAS No: 000110-80-5 Name: ETHANOL, 2-ETHOXY-	PTE: 19,800 pounds per year
CAS No: 000111-42-2 Name: ETHANOL, 2,2'-IMINOBIS-	PTE: 100 pounds per year
CAS No: 000111-46-6 Name: ETHANOL, 2,2'-OXYBIS-	PTE: 19,800 pounds per year
CAS No: 000497-19-8	PTE: 1,000 pounds per year

**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



Name: SODIUM CARBONATE

CAS No: 000630-08-0

PTE: 198,000 pounds per year

Name: CARBON MONOXIDE

CAS No: 007446-09-5

PTE: 454 pounds per year

Name: SULFUR DIOXIDE

CAS No: 007647-01-0

PTE: 19,800 pounds per year

Name: HYDROGEN CHLORIDE

CAS No: 007722-84-1

PTE: 1,000 pounds per year

Name: HYDROGEN PEROXIDE

CAS No: 007775-27-1

PTE: 500 pounds per year

Name: SODIUM PERSULFATE

CAS No: 014807-96-6

PTE: 200 pounds per year

Name: TALC

CAS No: 064742-47-8

PTE: 10,000 pounds per year

Name: DISTILLATES (PETROLEUM), HYDROTREATED LIGHT

CAS No: 0NY075-00-0

PTE: 198,000 pounds per year

Name: PARTICULATES

CAS No: 0NY100-00-0

PTE: 49,800 pounds per year

Name: TOTAL HAP

CAS No: 0NY210-00-0

PTE: 198,000 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 06/17/2014 and 06/16/2024**

**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:

40 CFR 63.11195

**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.

# New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



## 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: 0NY100-00-0 TOTAL HAP

## Item 2.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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

Work Practice Type: HOURS PER YEAR OPERATION

Upper Permit Limit: 48 hours

Monitoring Frequency: DAILY

Averaging Method: ANNUAL MAXIMUM ROLLED DAILY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

## Condition 3:

### Capping Monitoring Condition

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

Applicable Federal Requirement: 6 NYCRR Subpart 201-7

# New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



## Item 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:

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 3.5:

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

## Item 3.6:

The Compliance Demonstration activity will be performed for the Facility.

### Regulated Contaminant(s):

CAS No: 000630-08-0	CARBON MONOXIDE
CAS No: 0NY210-00-0	OXIDES OF NITROGEN
CAS No: 0NY075-00-0	PARTICULATES

## Item 3.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

THE PARTICULATE, NITROGEN OXIDES, AND CARBON MONOXIDE EMISSIONS FROM THE BOILER WILL BE MONITORED BY COMPARING THE EMISSION RATE AS GUARANTEED BY THE BURNER

**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



MANUFACTURER WITH THE THROUGHPUT TO  
CALCULATE EMISSIONS. THE QUANTITY OF  
NATURAL GAS AND FUEL OIL USAGE IS LIMITED  
BY THE CAPACITY OF THE BURNER. FACILITY  
WIDE PARTICULATE, NITROGEN OXIDES, AND  
CARBON MONOXIDE EMISSIONS ARE LIMITED TO  
99.0 TONS PER YEAR.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: FUEL

Upper Permit Limit: 99.0 tons per year

Reference Test Method: EPA Method 5

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

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

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

**Item 4.1:**

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

6 NYCRR 201-6.1 (a)

**Item 4.2:**

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

**Item 4.3:**

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

**Item 4.4:**

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

**Item 4.5:**



**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



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: 007647-01-0      HYDROGEN CHLORIDE

**Item 4.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PRODUCT

Upper Permit Limit: 9.9 tons per year

Reference Test Method: EPA Method 26

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

**Condition 5:      Capping Monitoring Condition**

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

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

**Item 5.1:**

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

6 NYCRR 201-6.1 (a)

**Item 5.2:**

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

# New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



limits, terms, conditions and standards in this permit.

## Item 5.3:

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

## Item 5.4:

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

## Item 5.5:

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

## Item 5.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007722-84-1      HYDROGEN PEROXIDE

## Item 5.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

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

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PRODUCT

Upper Permit Limit: 1000 pounds per year

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

**New York State Department of Environmental Conservation**

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



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

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

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

**Item 6.1:**

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

6 NYCRR 201-6.1 (a)

**Item 6.2:**

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

**Item 6.3:**

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

**Item 6.4:**

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

**Item 6.5:**

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

**Item 6.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

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

**Item 6.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

**New York State Department of Environmental Conservation**

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



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

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PRODUCT

Upper Permit Limit: 9.9 tons per year

Reference Test Method: EPA Method 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

**Condition 7: Capping Monitoring Condition**  
**Effective between the dates of 06/17/2014 and 06/16/2024**

**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:

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.

**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



**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: 0NY998-00-0      VOC

**Item 7.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: VOC's

Upper Permit Limit: 49.0 tons per year

Reference Test Method: EPA Method 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

**Condition 8:      Capping Monitoring Condition**

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

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

**Item 8.1:**

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

6 NYCRR 201-6.1 (a)

# New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



## Item 8.2:

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

## Item 8.3:

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, 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 8.4:

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

## Item 8.5:

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

## Item 8.6:

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 007446-09-5      SULFUR DIOXIDE

## Item 8.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

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

Monitoring Description:

THE SULFUR DIOXIDE EMISSIONS FROM THE BOILER WILL BE MONITORED BY REQUIRING THAT THE NO. 2 FUEL OIL SULFUR CONTENT NOT EXCEED 0.2 PERCENT BY WT. THE SUPPLIER WILL PROVIDE A CERTIFICATION FOR EACH DEMONSTRATING COMPLIANCE WITH THIS REQUIREMENT. THIS SPECIFICATION IS REQUIRED TO MAINTAIN POTENTIAL EMISSIONS BELOW THE MAJOR SOURCE THRESHOLD AND NOT EXCEED AMBIENT AIR QUALITY STANDARD. SULFUR DIOXIDE FROM NATURAL GAS COMBUSTION, ALTHOUGH MINIMAL, WILL BE INCLUDED IN THE FACILITY EMISSION RECORDS.

**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



Manufacturer Name/Model Number: NEBRASKA BOILER  
Parameter Monitored: SULFUR CONTENT  
Upper Permit Limit: 0.2 percent by weight  
Reference Test Method: ASTM D2880-71  
Monitoring Frequency: PER DELIVERY  
Averaging Method: MAXIMUM - NOT TO BE EXCEEDED PER  
OCCURRENCE  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2014.  
Subsequent reports are due every 6 calendar month(s).

**Condition 9: Capping Monitoring Condition**  
**Effective between the dates of 06/17/2014 and 06/16/2024**

**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 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.

**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



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

**Item 9.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

HAPS FROM THE PROCESS AREA WILL BE  
DETERMINED USING THE CHEMICAL SUPPLIERS  
HAP DATA. THE RATE OF USAGE ON THE PAPER  
MACHINE, AND THE APPLICABLE EMISSION  
FACTORS. THE HAP EMISSIONS WILL BE  
CALCULATED ON A TWELVE MONTH ROLLING  
AVERAGE TO ASSURE THAT THE CAP OF 24.9  
TONS PER YEAR IS MET.

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PRODUCT

Upper Permit Limit: 24.9 tons per year

Reference Test Method: EPA Method 25

Monitoring Frequency: MONTHLY

Averaging Method: 12 MONTH AVERAGE - ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

**Condition 10: Capping Monitoring Condition**

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

**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:

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,



**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



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: 064742-47-8

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT

**Item 10.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

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

Work Practice Type: PROCESS MATERIAL THRUPUT

Process Material: PRODUCT

Upper Permit Limit: 10000 pounds per year

Reference Test Method: EPA Method 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

**Condition 11: Capping Monitoring Condition**

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

**New York State Department of Environmental Conservation**

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



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

**Item 11.1:**

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 11.2:**

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

**Item 11.3:**

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 11.4:**

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 11.5:**

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 11.6:**

The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):

CAS No: 000107-22-2      ETHANEDIOL

**Item 11.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

ETHANEDIOL EMISSIONS FROM THE PROCESS  
AREA WILL BE CALCULATED BY USING THE  
CHEMICAL SUPPLIERS DATA, THE AMOUNT OF  
USAGE ON THE PAPER MACHINE, AND

**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



APPLICABLE EMISSION FACTORS. THE  
ETHANEDIOL EMISSIONS WILL BE CALCULATED  
ON A TWELVE MONTH ROLLING AVERAGE.

Work Practice Type: PROCESS MATERIAL THRUPUT  
Process Material: PRODUCT  
Upper Permit Limit: 260 pounds per year  
Reference Test Method: EPA Method 25  
Monitoring Frequency: MONTHLY  
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2014.  
Subsequent reports are due every 6 calendar month(s).

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

**Applicable Federal Requirement: 6 NYCRR 211.1**

**Item 12.1:**

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

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

**Applicable Federal Requirement: 40 CFR 63.11195, NESHAP Subpart**

**JJJJJ**

**Item 13.1:**

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

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

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

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

(d) A boiler that is used specifically for research and development. This exemption does not

**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



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

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

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

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

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

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

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

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

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

**Condition 14: Capping Monitoring Condition**

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

**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.

**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



**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:

Emission Unit: 6-00003

Process: 173

Regulated Contaminant(s):

CAS No: 014807-96-6      TALC

**Item 14.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

THE POTENTIAL TALC EMISSIONS FROM THE  
PUPLPING PROCESS WILL BE CALCULATED USING  
THE DATA SUPPLIED TO US BY THE  
MANUFACTURER OF THE CHEMICALS THAT  
CONTAIN TALC.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: TALC

Upper Permit Limit: 200 pounds per year

Reference Test Method: EPA METHOD 5

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

**Condition 15:      Capping Monitoring Condition**

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

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

**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



**Item 15.1:**

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 15.2:**

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

**Item 15.3:**

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 15.4:**

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 15.5:**

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 15.6:**

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00003

Process: 173

Regulated Contaminant(s):

CAS No: 000497-19-8      SODIUM CARBONATE

**Item 15.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

THE POTENTIAL SODIUM CARBONATE EMISSIONS  
FROM THE PULPING PROCESS WILL BE  
CALCULATED USING THE DATA SUPPLIED TO US  
BY THE MANUFACTURER OF THE CHEMICALS THAT

**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



CONTAIN SODIUM CARBONATE.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: SODIUM CARBONATE

Upper Permit Limit: 1000 pounds per year

Reference Test Method: EPA METHOD 5

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

**Condition 16: Capping Monitoring Condition**

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

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

**Item 16.1:**

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

6 NYCRR 201-6.1 (a)

**Item 16.2:**

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

**Item 16.3:**

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

**Item 16.4:**

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

**Item 16.5:**

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

**Item 16.6:**

**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00003

Process: 173

Regulated Contaminant(s):

CAS No: 000057-55-6      METHYLETHYL GLYCOL

**Item 16.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

PROPYLENE GLYCOL IS A COMPONENT OF PAPER  
DYES THAT ARE ADDED TO THE PULPERS AS A  
LIQUID. EMISSIONS OF PROPYLENE GLYCOL ARE  
BASED ON THE AMOUNT USED ON THE PAPER  
MACHINE AND APPLICABLE EMISSIONS  
FACTORS.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: METHYLETHYL GLYCOL

Upper Permit Limit: 500 pounds per year

Reference Test Method: EPA METHOD 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

**Condition 17:      Capping Monitoring Condition**

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

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

**Item 17.1:**

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 17.2:**

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

**Item 17.3:**



# New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



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 17.4:

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 17.5:

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 17.6:

The Compliance Demonstration activity will be performed for:

Emission Unit: 6-00003

Process: 173

Regulated Contaminant(s):

CAS No: 007775-27-1      SODIUM PERSULFATE

## Item 17.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

THE POTENTIAL SODIUM PERSULFATE  
EMISSIONS FROM THE PULPING PROCESS WILL  
BE CALCULATED USING THE DATA SUPPLIED TO  
US BY THE MANUFACTURER OF THE CHEMICALS  
THAT CONTAIN SODIUM PERSULFATE.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: SODIUM PERSULFATE

Upper Permit Limit: 500 pounds per year

Reference Test Method: EPA METHOD 5

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

**New York State Department of Environmental Conservation**

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



**Condition 18: Capping Monitoring Condition**

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

**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 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: 6-00003

Process: 173

Regulated Contaminant(s):

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

**Item 18.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC

**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



**OPERATIONS**

**Monitoring Description:**

DIETHANOLAMINE IS A COMPONENT OF PAPER DYES THAT ARE ADDED TO THE PULPERS AS A LIQUID. EMISSIONS OF DIETHANOLAMINE ARE BASED ON THE AMOUNT USED ON THE PAPER MACHINE AND APPLICABLE EMISSION FACTORS.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

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

Upper Permit Limit: 100 pounds per year

Reference Test Method: EPA METHOD 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

**Condition 19: Capping Monitoring Condition**

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

**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 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.

**New York State Department of Environmental Conservation**

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



**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: 6-00003

Process: 173

Regulated Contaminant(s):

CAS No: 000056-81-5 GLYCEROL

**Item 19.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

GLYCERIN IS A COMPONENT OF PAPER DYES THAT ARE ADDED TO THE PULPERS AS A LIQUID. EMISSIONS OF GLYCERIN ARE BASED ON THE AMOUNT USED ON THE PAPER MACHINE AND APPLICABLE EMISSION FACTORS.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: GLYCEROL

Upper Permit Limit: 100 pounds per year

Reference Test Method: EPA METHOD 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

**Condition 20: Capping Monitoring Condition**

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

**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)

**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



**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: 6-00003

Process: 173

Regulated Contaminant(s):

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

**Item 20.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:

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

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: 1,2-ETHANEDIOL

Upper Permit Limit: 19800 pounds per year

**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



Reference Test Method: EPA METHOD 25  
Monitoring Frequency: MONTHLY  
Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY  
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)  
Reports due 30 days after the reporting period.  
The initial report is due 7/30/2014.  
Subsequent reports are due every 6 calendar month(s).

**Condition 21: Capping Monitoring Condition**  
**Effective between the dates of 06/17/2014 and 06/16/2024**

**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.

**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: 6-00003

Process: 173

Regulated Contaminant(s):

**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



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

**Item 21.7:**

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

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

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: ETHANOL, 2-ETHOXY-

Upper Permit Limit: 19800 pounds per year

Reference Test Method: EPA METHOD 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

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

**Condition 22:      Capping Monitoring Condition**

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

**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

# New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



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: 6-00003

Process: 173

Regulated Contaminant(s):

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

## Item 22.7:

Compliance Demonstration shall include the following monitoring:

Capping: Yes

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC  
OPERATIONS

Monitoring Description:

TRIETHANOLAMINE IS A COMPONENT OF PAPER  
DYES THAT ARE ADDED TO THE PULPERS AS A  
LIQUID. EMISSIONS OF TRIETHANOLAMINE WILL  
BE CALCULATED BASED ON THE AMOUNT USED ON  
THE PAPER MACHINE AND APPLICABLE EMISSION  
FACTORS.

Work Practice Type: PARAMETER OF PROCESS MATERIAL

Process Material: MATERIAL

Parameter Monitored: 2,2,2-NITRILOTRIS ETHANOL

Upper Permit Limit: 100 pounds per year

Reference Test Method: EPA METHOD 25

Monitoring Frequency: MONTHLY

Averaging Method: ANNUAL MAXIMUM ROLLED MONTHLY

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 7/30/2014.

Subsequent reports are due every 6 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.

# New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



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

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

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

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

## STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state only enforceable.

**Condition 23: Contaminant List**

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

**Applicable State Requirement:ECL 19-0301**

**Item 23.1:**

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

CAS No: 000056-81-5

Name: GLYCEROL

CAS No: 000057-55-6

Name: METHYLETHYL GLYCOL

CAS No: 000102-71-6

Name: 2,2,2-NITRILOTRIS ETHANOL

CAS No: 000107-21-1

**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



Name: 1,2-ETHANEDIOL

CAS No: 000107-22-2

Name: ETHANEDIOL

CAS No: 000110-80-5

Name: ETHANOL, 2-ETHOXY-

CAS No: 000111-42-2

Name: ETHANOL, 2,2'-IMINOBIS-

CAS No: 000111-46-6

Name: ETHANOL, 2,2'-OXYBIS-

CAS No: 000497-19-8

Name: SODIUM CARBONATE

CAS No: 000630-08-0

Name: CARBON MONOXIDE

CAS No: 007446-09-5

Name: SULFUR DIOXIDE

CAS No: 007647-01-0

Name: HYDROGEN CHLORIDE

CAS No: 007722-84-1

Name: HYDROGEN PEROXIDE

CAS No: 007775-27-1

Name: SODIUM PERSULFATE

CAS No: 014807-96-6

Name: TALC

CAS No: 064742-47-8

Name: DISTILLATES (PETROLEUM), HYDROTREATED LIGHT

CAS No: 0NY075-00-0

Name: PARTICULATES

CAS No: 0NY100-00-0

Name: TOTAL HAP

CAS No: 0NY210-00-0

Name: OXIDES OF NITROGEN

CAS No: 0NY998-00-0

Name: VOC

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

# New York State Department of Environmental Conservation

Permit ID: 6-2338-00002/00011

Facility DEC ID: 6233800002



## Applicable State Requirement:6 NYCRR 201-1.4

### Item 24.1:

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

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

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

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

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

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

## Applicable State Requirement:6 NYCRR Subpart 201-5

### Item 25.1:

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

Emission Unit: 6-00002

Emission Unit Description:

THIS EMISSION UNIT IS A 49-0 MMBTU PER  
HOUR STEAM GENERATING BOILER THAT IS

**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



CAPABLE OF OPERATING ON NATURAL GAS OR NO. 2 FUEL OIL. THE BOILER HAS ONE EMISSION POINT THROUGH STACK 00002 WHICH IS ADJACENT TO THE BOILER ROOM. THE QUANTITY OF NATURAL GAS USED IS LIMITED BY THE CAPACITY OF THE BURNER. THE QUANTITY OF NO. 2 FUEL OIL IS LIMITED TO 48 HOURS PER YEAR FOR PERIODIC TESTING, EXCEPT FOR USE DURING PERIODS OF GAS CURTAILMENT OR GAS SUPPLY EMERGENCIES.

Building(s): BR  
WH

**Item 25.2:**

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

Emission Unit: 6-00003

Emission Unit Description:

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

Building(s): PA

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

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

**Item 26.1:**

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

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

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

**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



**Item 27.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 27.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

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

Division of Air Resources  
NYS Dept. of Environmental Conservation  
Region 6  
State Office Building  
317 Washington Ave.  
Watertown, NY 13601

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2015.

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

**Condition 28: Visible Emissions Limited**

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

**Applicable State Requirement:6 NYCRR 211.2**

**Item 28.1:**

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

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

**Condition 29: Emission Point Definition By Emission Unit**

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

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 29.1:**

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

Emission Unit: 6-00002

Emission Point: 00002

Height (ft.): 110

Diameter (in.): 72

NYTMN (km.): 4829.3

NYTME (km.): 475.3

Building: BR

**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



**Item 29.2:**

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

Emission Unit: 6-00003

Emission Point: 00003

Height (ft.): 70

Diameter (in.): 36

NYTMN (km.): 4829.353 NYTME (km.): 475.292 Building: PA

**Condition 30: Process Definition By Emission Unit**

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

**Applicable State Requirement: 6 NYCRR Subpart 201-5**

**Item 30.1:**

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

Emission Unit: 6-00002

Process: 007

Source Classification Code: 1-02-006-02

Process Description:

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

Emission Source/Control: NSC50 - Combustion

Design Capacity: 49 million Btu per hour

Emission Source/Control: CNTRL - Control

Control Type: LOW NOx BURNER

**Item 30.2:**

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

Emission Unit: 6-00002

Process: 012

Source Classification Code: 1-03-006-02

Process Description:

THE STEAM GENERATING BOILER HAS A BURNER FOR NATURAL GAS THAT IS CAPABLE OF OPERATING AT A MAXIMUM RATE OF 49.0 MMBTU PER HOUR. THIS IS A LOW NOX BURNER WITH THE FOLLOWING POLLUTANT EMISSION RATES AS GUARANTEED BY THE MANUFACTURER. CO 0.075 POUNDS PER MMBTU. NOX 0.08 POUNDS PER

**New York State Department of Environmental Conservation**

**Permit ID: 6-2338-00002/00011**

**Facility DEC ID: 6233800002**



MMBTU. SO<sub>2</sub> 0.001 POUNDS PER MMBTU/ PM  
0.005 POUNDS PER MMBTU. VOC 2.8 POUNDS PER  
MCF (AP 42 STANDARD)

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

Emission Source/Control: CNTRL - Control  
Control Type: LOW NO<sub>x</sub> BURNER

**Item 30.3:**

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

Emission Unit: 6-00003

Process: 173

Source Classification Code: 3-07-004-05

**Process Description:**

THIS EMISSION SOURCE IS THE PROCESS AREA OF THE PAPER MACHINE AND PULPERS. THERE ARE TWO EXHAUST FANS OVER THE PAPER MACHINE RATED AT 42,000 CFM AND 28,000 CFM. THE CHEMICALS USED ON THE PAPER MACHINE CONTAIN HAZARDOUS AIR POLLUTANTS AND VOLATILE ORGANIC COMPOUNDS THAT COULD POTENTIALLY BE EMITTED THROUGH THESE POINTS. EMISSION POINT #00003 IS FROM THE HOOD SECTION OF THE PAPER MACHINE. EMISSION POINT #00004 IS OVERHEAD ABOVE THE WET-END SECTION OF THE PAPER MACHINE PROVIDING GENERAL VENTILATION OF THE PROCESS AREA. WE ARE PROPOSING TO ADD TWO EMISSION POINTS TO OUR STATE FACILITY AIR PERMIT. THE EXHAUST FANS ARE FOR THE PULPING AREA OF THE PAPER MAKING PROCESS. THE EXHAUST FANS ARE RATED AT 18,600 CFM AND 22,670 CFM. ONE EXHAUST FAN IS A VERTICAL EXHAUST AND THE OTHER IS A HORIZONTAL EXHAUST FAN.

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