



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL MODIFICATION
BUTLER COUNTY**

CERTIFIED MAIL

Street Address:

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov.
Center

Application No: 14-04560

DATE: 3/18/2004

Bay West Paper Corp
Karen Vigre
700 Columbia Ave
Middletown, OH 450421931

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, Ohio 43215

Sincerely,

Michael W. Ahern

Michael W. Ahern, Supervisor
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA

HCDES



**Permit To Install
Terms and Conditions**

**Issue Date: 3/18/2004
Effective Date: 3/18/2004**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 14-04560

Application Number: 14-04560
APS Premise Number: 1409010043
Permit Fee: **\$2250**
Name of Facility: Bay West Paper Corp
Person to Contact: Karen Vigre
Address: 700 Columbia Ave
Middletown, OH 450421931

Location of proposed air contaminant source(s) [emissions unit(s)]:
**700 Columbia Ave
Middletown, Ohio**

Description of proposed emissions unit(s):
Emission factor modification for Bay West paper machines.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Part I - GENERAL TERMS AND CONDITIONS

A. State and Federally Enforceable Permit To Install General Terms and Conditions

1. Monitoring and Related Record keeping and Reporting Requirements

- a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
 - i. The date, place (as defined in the permit), and time of sampling or measurements.
 - ii. The date(s) analyses were performed.
 - iii. The company or entity that performed the analyses.
 - iv. The analytical techniques or methods used.
 - v. The results of such analyses.
 - vi. The operating conditions existing at the time of sampling or measurement.
- b. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.
- c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
 - i. Reports of any required monitoring and/or record keeping of federally enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
 - ii. Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and record keeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the appropriate Ohio EPA District Office or local air agency. The written reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous

calendar quarters. See B.9 below if no deviations occurred during the quarter.

- iii. Written reports, which identify any deviations from the federally enforceable monitoring, record keeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.
- iv. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

2. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset, of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to OAC rule 3745-15-06.

Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emission unit(s) that is (are) served by such control system(s).

3. Risk Management Plans

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.

4. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

5. Severability Clause

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition

Bay West Paper Corp
PTI Application: 14-04560
Modification Issued: 3/18/2004

Facility ID: 1409010043

declared invalid.

6. General Requirements

- a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.
- b. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.
- c. This permit may be modified, reopened, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.
- d. This permit does not convey any property rights of any sort, or any exclusive privilege.
- e. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

7. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit To Install fees within 30 days after the issuance of this Permit To Install.

8. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are

required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

9. Compliance Requirements

- a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.
- b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:
 - i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
 - ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with ORC section 3704.08.
 - iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
 - iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.
- c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:
 - i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
 - ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

10. Permit To Operate Application

- a. If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).
- b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. Permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the source(s) covered by this permit.

11. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

12. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

Bay West Paper Corp
PTI Application: 14-04560
Modification Issued: 3/18/2004

Facility ID: 1409010043

B. State Only Enforceable Permit To Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or record keeping of state-only enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from state-only required emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

4. Termination of Permit To Install

This permit to install shall terminate within eighteen months of the effective date of the permit to install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete

Bay West Paper Corp
PTI Application: 14-04560
Modification Issued: 3/18/2004

Facility ID: 1409010043

within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

5. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

6. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

7. Applicability

Bay West Paper Corp
 PTI Application: 14-04560
 Modification Issued: 3/18/2004

Facility ID: 1409010043

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

8. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit To Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

9. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations (See Section A of This Permit)

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

C. Permit To Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

**SUMMARY (for informational purposes only)
 TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons Per Year</u>
OC	111.5
PM	1.5
SO ₂	0.14
NO _x	39.9
CO	8.3
PM ₁₀	1.5

Bay West Paper Corp

PTI Application: 14-04560

Modification Issued: 3/18/2004

Facility ID: 1409010043

Bay West Paper Corp
PTI Application: 14-04560
Modif

Facility ID: 1409010043

Emissions Unit ID: **P101**

Part II - FACILITY SPECIFIC TERMS AND CONDITIONS

A. State and Federally Enforceable Permit To Install Facility Specific Terms and Conditions

None

B. State Only Enforceable Permit To Install Facility Specific Terms and Conditions

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P101 - Bay West - paper machine (unit 1) w/ 27 MMBTU per hour dryer	OAC rule 3745-31-05(A)(3)	See section A.I.2.a, A.II.1 and A.II.2 The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A), 3745-17-10(B), 3745-31-05(C) and 3745-23-06(B).
	OAC rule 3745-31-05(C)	See section A.I.2.a.
	OAC rule 3745-17-07(A)	Visible particulate emissions from any stack associated with this emissions unit shall not exceed 20% percent opacity, as a six-minute average, except as specified by rule.
	OAC rule 3745-17-10(B)	0.020 lb of particulate emissions (PM)/MMBTU of actual heat input
	OAC rule 3745-21-07(G)	See section A.II.1 below.
	OAC rule 3745-23-06(B)	See section A.I.2.c

2. Additional Terms and Conditions

- 2.a The total combined emissions from emissions units P101 and P102 shall not exceed the following:
 - i. 1925 pounds organic compounds (OC) per week and 26 tons OC per year as a rolling, 12-month summation from off-line wire and felt cleaning operations.

Emissions Unit ID: P101

- ii. 378.1 pounds OC per day and 69 tons OC per year from all operations associated with emissions units P101 and P102 except off-line wire and felt cleaning operations and OC emissions from the natural gas/LPG-fired dryers.*
- iii. 7.5 pounds OC per day and 1.4 tons OC per year from combustion emissions from the natural gas/LPG-fired dryers.*
- iv. 8.5 pounds PM-PM10 per day and 1.5 tons PM-PM₁₀ per year from combustion emissions from the natural gas/LPG-fired dryers.*
- v. 269.1 pounds nitrogen oxides (NO_x) per day* and 39.9 tons NO_x per year based upon a rolling, 12-month summation from combustion emissions from the natural gas/LPG-fired dryers.
- vi. 0.78 pound sulfur dioxide (SO₂) per day and 0.14 ton SO₂ per year from combustion emissions from the natural gas/LPG-fired dryers.*
- vii. 45.4 pounds carbon monoxide (CO) per day and 8.3 tons CO per year from combustion emissions from the natural gas/LPG-fired dryers.*

*The emission limitations in sections A.I.2.a.ii, A.I.2.a.iii, A.I.2.a.iv, A.I.2.a.vi, and A.I.2.a.vii and the lbs of NO_x/day emission limitation in section A.I.2.a.v are based on the emissions units potential to emit. Therefore, no additional record keeping, reporting, or compliance requirements are necessary to demonstrate compliance with these emission limitations.

- 2.b For purpose of this permit, the term "day" shall mean the 24-hour period commencing at 7 a.m.
- 2.c The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rules 3745-23-06 by committing to comply with the best available technology requirements established in Permit to Install 14-04560.
- 2.d Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the emission limitations and the use of non-photochemically reactive materials.

II. Operational Restrictions

- 1. To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as raw materials or cleanup materials) shall be employed in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).

2. The permittee shall burn only natural gas or LPG in this emissions unit.

III. Monitoring and/or Record keeping Requirements

1. The permittee shall collect and record the following information each week for emissions units P101 and P102 combined:
 - a. The name and identification of each liquid organic material employed for off-line wire and felt cleaning.
 - b. The amount of each liquid organic material employed for off-line wire and felt cleaning, in gallons.
 - c. The OC content of each liquid organic material employed for off-line wire and felt cleaning, in pounds per gallon.
 - d. The total weekly OC emissions from off-line wire and felt cleaning operations, in pounds per week, calculated by taking the sum of (b) times (c) for each liquid organic material employed for off-line wire and felt cleaning.
2. The permittee shall collect and record the following information each month for OC emissions from all operations associated with emissions units P101 and P102, except off-line wire and felt cleaning operations and the natural gas/LPG-fired dryers:
 - a. The amount of machine dried tons of paper (MDTP) produced in emissions unit P101.
 - b. The amount of MDTP produced in emissions unit P102.
 - c. The total monthly OC emissions calculated by using the following equation:

$$\begin{aligned}
 &\text{Monthly OC emissions (in pounds)} \\
 &= [\text{MDTP/mo. in P101} * 0.1142 \text{ lb OC emissions/MDTP}] \\
 &+ [\text{MDTP/mo. in P102} * 0.1082 \text{ lb OC emissions/MDTP}] \\
 &+ [\text{Total MDTP/mo. in P101 and P102} * 0.821 \text{ lb OC emissions/MDTP}]
 \end{aligned}$$

The emission factors above are based on the "Total Hydrocarbon Emission Testing Report" dated January 1997 performed at Bay West.

3. The permittee shall determine the total annual OC emissions from all operations associated with emissions units P101 and P102, except off-line wire and felt cleaning operations and the natural

Emissions Unit ID: P101

gas/LPG dryers by summing the total monthly OC emissions from section A.III.2 for the calendar year.

The purpose of the record keeping in section A.III.2 is to verify the potential to emit OC specified in section A.I.2.a.ii.

4. The permittee shall collect and record the following information each month for emissions units P101 and P102:

The rolling, 12-month summation of OC emissions from emissions units P101 and P102 from off-line wire and felt cleaning operations, calculated by adding the current month's total OC emissions to the total OC emissions for the preceding eleven calendar months.

5. The permittee shall collect and record the following information each month for emissions units P101 and P102:

- a. The combined amount of LPG used in the dryers associated with emissions units P101 and P102, in gallons per month.
- b. The combined amount of natural gas used in the dryers associated with emissions units P101 and P102, in cubic feet per month.
- c. The monthly combined NO_x emissions from the dryers associated with emissions units P101 and P102 using the following equation:

$$\begin{aligned} &\text{Monthly NO}_x \text{ emissions (in pounds)} \\ &= [\text{gallons/month LPG used (a)} * 0.019 \text{ lb NO}_x/\text{gallon}] \\ &+ [\text{cubic feet/month natural gas used (b)} * 0.0001 \text{ lb NO}_x/\text{cubic feet}] \end{aligned}$$

The emission factor of 0.019 lb NO_x/gallon LPG is based on AP-42, Table 1.5-1, revised 10/96. The emission factor of 0.001 lb NO_x/cu ft natural gas is based on AP-42, Table 1.4-1, revised 7/98.

- d. The rolling, 12-month summation of NO_x emissions from the dryers associated with emissions units P101 and P102, calculated by adding the current month's total NO_x emissions to the total NO_x emissions for the preceding eleven calendar months.
6. For each day during which the permittee burns a fuel other than natural gas or LPG, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
7. The permittee shall maintain records for each material employed in this emissions unit that indicate whether or not the material is a photochemically reactive material.

IV. Reporting Requirements

Modification Issued: 3/18/2004

1. The permittee shall submit annual reports that specify the total combined organic compound emissions from all operations associated with emissions units P101 and P102 combined, except off-line wire and felt cleaning operations and OC emissions from the natural gas/LPG-fired dryers, for the previous calendar year. These reports shall be submitted by January 31 of each year.
2. The permittee shall also submit annual reports which specify the total combined nitrogen oxides emissions from emissions units P101 and P102 for the previous calendar year. These reports shall be submitted by January 31 of each year.
3. The permittee shall submit quarterly deviation (excursion) reports that identify the following:
 - a. Any exceedance of the total combined OC emission limitation of 1925 lbs of OC/week from emissions units P101 and P102.
 - b. Any exceedance of the total combined OC emission limitation of 26 tons OC per year as a rolling, 12-month summation from emissions units P101 and P102.
 - c. Any exceedance of the total combined NO_x emission limitation of 39.9 tons of NO_x per year as a rolling, 12-month summation from emissions units P101 and P102.
4. The quarterly deviation reports shall be submitted in accordance with the reporting requirements specified in Part I - General Term and Condition A.1.c.ii.
5. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas or LPG was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
6. The permittee shall submit deviation (excursion) reports that identify all periods of time when a photochemically reactive material is employed in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

V. Testing Requirements

1. Compliance with the OC emission limitations in section A.I.2.a shall be demonstrated by the record keeping in sections A.III.1, A.III.2, A.III.3, and A.III.4.
2. Compliance with the rolling, 12-month NO_x emission limitation in section A.I.2.a shall be demonstrated by the record keeping in section A.III.5.
3. Compliance with the visible emission limitations shall be demonstrated by Method 9, 40 CFR Part

Emissions Unit ID: P101

60, Appendix A and the procedures specified in OAC rule 3745-17-03.

4. Compliance with the OC, PM-PM₁₀, SO₂, and CO emission limitations from combustion emissions from the natural gas/LPG-fired dryers in section A.I.2.a shall be demonstrated by multiplying the usage of natural gas or LPG from the records in section A.III.5 by the emission factors for natural gas/LPG combustion from the Compilation of Air Pollution Emissions Factors (AP-42), Chapters 1.4 and 1.5, Fifth Edition.
5. Compliance with the PM emission limitation in section A.I.1 may also be demonstrated by multiplying the usage of natural gas or LPG from the records in section A.III.5 by the emission factors for natural gas/LPG combustion from the Compilation of Air Pollution Emissions Factors (AP-42), Chapters 1.4 and 1.5, Fifth Edition.
6. Should stack testing be required to demonstrate compliance with any emission limitation specified in this permit, the appropriate method(s) from 40 CFR Part 60, Appendix A and any applicable procedures specified in the OAC rules shall be used.

VI. Miscellaneous Requirements

1.

Emissions Unit	Pollutant	Baseline Existing* Emissions, TPY	Allowable Emissions, TPY	Net Increase, TPY
P101 Paper Machine Operations	OC	27.3	49.5	+22.2
P102 Paper Machine Operations**	OC	19.5	19.5	0
P101 & P102 off-line wire & felt cleaning operations	OC	19.15	26	+6.85
P101 & P102 dryer emissions**	OC	1.4	1.4	0
P103 & P104	OC	10.1	15.1	+5.0
Net Emissions Change	OC	77.45	111.5	+34.05

* Actual average emissions for 1996 and 1997

** As these operations are not being modified in this PTI, the baseline existing is the same as the existing allowable emissions.

2. This permit to install shall supersede permit to install 14-04560 as issued on July 15, 1998.

Bay W

PTI A

Modification Issued: 3/18/2004

Emissions Unit ID: **P101**

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P101 - Bay West - paper machine (unit 1) w/ 27 MMBTU per hour dryer	None	None

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

20

Bay West Paper Corp
PTI Application: 14-04560
Modif

Facility ID: 1409010043

Emissions Unit ID: P101

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P102 - Bay West - paper machine (unit 2) w/ 27 MMBTU per hour dryer	OAC rule 3745-31-05(A)(3)	See section A.I.2.a, A.II.1 and A.II.2 The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A), 3745-17-10(B), 3745-31-05(C) and 3745-23-06(B).
	OAC rule 3745-31-05(C)	See section A.I.2.a.
	OAC rule 3745-17-07(A)	Visible particulate emissions from any stack associated with this emissions unit shall not exceed 20% percent opacity, as a six-minute average, except as specified by rule.
	OAC rule 3745-17-10(B)	0.020 lb of particulate emissions (PM)/MMBTU of actual heat input
	OAC rule 3745-21-07(G)	See section A.II.1 below.
	OAC rule 3745-23-06(B)	See section A.I.2.c

2. Additional Terms and Conditions

- 2.a** The total combined emissions from emissions units P101 and P102 shall not exceed the following:
- i. 1925 pounds organic compounds (OC) per week and 26 tons OC per year as a rolling, 12-month summation from off-line wire and felt cleaning operations.
 - ii. 378.1 pounds OC per day and 69 tons OC per year from all operations associated with emissions units P101 and P102 except off-line wire and felt cleaning operations and OC emissions from the natural gas/LPG-fired dryers.*
 - iii. 7.5 pounds OC per day and 1.4 tons OC per year from combustion emissions from the natural gas/LPG-fired dryers.*
 - iv. 8.5 pounds PM-PM₁₀ per day and 1.5 tons PM-PM₁₀ per year from combustion emissions from the natural gas/LPG-fired dryers.*
 - v. 269.1 pounds nitrogen oxides (NO_x) per day* and 39.9 tons NO_x per year based upon a rolling, 12-month summation from combustion emissions from the natural gas/LPG-fired dryers.
 - vi. 0.78 pound sulfur dioxide (SO₂) per day and 0.14 ton SO₂ per year from combustion emissions from the natural gas/LPG-fired dryers.*
 - vii. 45.4 pounds carbon monoxide (CO) per day and 8.3 tons CO per year from combustion emissions from the natural gas/LPG-fired dryers.*

*The emission limitations in sections A.I.2.a.ii, A.I.2.a.iii, A.I.2.a.iv, A.I.2.a.vi, and A.I.2.a.vii and the lbs of NO_x/day emission limitation in section A.I.2.a.v are based on the emissions units potential to emit. Therefore, no additional record keeping, reporting, or compliance requirements are necessary to demonstrate compliance with these emission limitations.

- 2.b** For purpose of this permit, the term "day" shall mean the 24-hour period commencing at 7 a.m.

- 2.c The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rules 3745-23-06 by committing to comply with the best available technology requirements established in Permit to Install 14-04560.
- 2.d Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the emission limitations and the use of non-photochemically reactive materials.

II. Operational Restrictions

- 1. To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as raw materials or cleanup materials) shall be employed in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).

- 2. The permittee shall burn only natural gas or LPG in this emissions unit.

III. Monitoring and/or Record keeping Requirements

- 1. The permittee shall collect and record the following information each week for emissions units P101 and P102 combined:
 - a. The name and identification of each liquid organic material employed for off-line wire and felt cleaning.
 - b. The amount of each liquid organic material employed for off-line wire and felt cleaning, in gallons.
 - c. The OC content of each liquid organic material employed for off-line wire and felt cleaning, in pounds per gallon.
 - d. The total weekly OC emissions from off-line wire and felt cleaning operations, in pounds per week, calculated by taking the sum of (b) times (c) for each liquid organic material employed for off-line wire and felt cleaning.
- 2. The permittee shall collect and record the following information each month for OC emissions from all operations associated with emissions units P101 and P102, except off-line wire and felt cleaning operations and the natural gas/LPG-fired dryers:

- a. The amount of machine dried tons of paper (MDTP) produced in emissions unit P101.
- b. The amount of MDTP produced in emissions unit P102.
- c. The total monthly OC emissions calculated by using the following equation:

$$\begin{aligned}
 &\text{Monthly OC emissions (in pounds)} \\
 &= [\text{MDTP/mo. in P101} * 0.1142 \text{ lb OC emissions/MDTP}] \\
 &+ [\text{MDTP/mo. in P102} * 0.1082 \text{ lb OC emissions/MDTP}] \\
 &+ [\text{Total MDTP/mo. in P101 and P102} * 0.821 \text{ lb OC emissions/MDTP}]
 \end{aligned}$$

The emission factors above are based on the "Total Hydrocarbon Emission Testing Report" dated January 1997 performed at Bay West.

3. The permittee shall determine the total annual OC emissions from all operations associated with emissions units P101 and P102, except off-line wire and felt cleaning operations and the natural gas/LPG dryers by summing the total monthly OC emissions from section A.III.2 for the calendar year.

The purpose of the record keeping in section A.III.2 is to verify the potential to emit OC specified in section A.I.2.a.ii.

4. The permittee shall collect and record the following information each month for emissions units P101 and P102:

The rolling, 12-month summation of OC emissions from emissions units P101 and P102 from off-line wire and felt cleaning operations, calculated by adding the current month's total OC emissions to the total OC emissions for the preceding eleven calendar months.

5. The permittee shall collect and record the following information each month for emissions units P101 and P102:
 - a. The combined amount of LPG used in the dryers associated with emissions units P101 and P102, in gallons per month.
 - b. The combined amount of natural gas used in the dryers associated with emissions units P101 and P102, in cubic feet per month.
 - c. The monthly combined NO_x emissions from the dryers associated with emissions units P101 and P102 using the following equation:

$$\begin{aligned}
 &\text{Monthly NO}_x \text{ emissions (in pounds)} \\
 &= [\text{gallons/month LPG used (a)} * 0.019 \text{ lb NO}_x/\text{gallon}] \\
 &+ [\text{cubic feet/month natural gas used (b)} * 0.0001 \text{ lb NO}_x/\text{cubic feet}]
 \end{aligned}$$

The emission factor of 0.019 lb NO_x/gallon LPG is based on AP-42, Table 1.5-1, revised 10/96. The emission factor of 0.001 lb NO_x/cu ft natural gas is based on AP-42, Table 1.4-1, revised 7/98.

- d. The rolling, 12-month summation of NO_x emissions from the dryers associated with emissions units P101 and P102, calculated by adding the current month's total NO_x emissions to the total NO_x emissions for the preceding eleven calendar months.
6. For each day during which the permittee burns a fuel other than natural gas or LPG, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
7. The permittee shall maintain records for each material employed in this emissions unit that indicate whether or not the material is a photochemically reactive material.

IV. Reporting Requirements

1. The permittee shall submit annual reports that specify the total combined organic compound emissions from all operations associated with emissions units P101 and P102 combined, except off-line wire and felt cleaning operations and OC emissions from the natural gas/LPG-fired dryers, for the previous calendar year. These reports shall be submitted by January 31 of each year.
2. The permittee shall also submit annual reports which specify the total combined nitrogen oxides emissions from emissions units P101 and P102 for the previous calendar year. These reports shall be submitted by January 31 of each year.
3. The permittee shall submit quarterly deviation (excursion) reports that identify the following:
 - a. Any exceedance of the total combined OC emission limitation of 1925 lbs of OC/week from emissions units P101 and P102.
 - b. Any exceedance of the total combined OC emission limitation of 26 tons OC per year as a rolling, 12-month summation from emissions units P101 and P102.
 - c. Any exceedance of the total combined NO_x emission limitation of 39.9 tons of NO_x per year as a rolling, 12-month summation from emissions units P101 and P102.
4. The quarterly deviation reports shall be submitted in accordance with the reporting requirements specified in Part I - General Term and Condition A.1.c.ii.

Emissions Unit ID: P102

5. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas or LPG was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
6. The permittee shall submit deviation (excursion) reports that identify all periods of time when a photochemically reactive material is employed in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

V. Testing Requirements

1. Compliance with the OC emission limitations in section A.I.2.a shall be demonstrated by the record keeping in sections A.III.1, A.III.2, A.III.3, and A.III.4.
2. Compliance with the rolling, 12-month NO_x emission limitation in section A.I.2.a shall be demonstrated by the record keeping in section A.III.5.
3. Compliance with the visible emission limitations shall be demonstrated by Method 9, 40 CFR Part 60, Appendix A and the procedures specified in OAC rule 3745-17-03.
4. Compliance with the OC, PM-PM₁₀, SO₂, and CO emission limitations from combustion emissions from the natural gas/LPG-fired dryers in section A.I.2.a shall be demonstrated by multiplying the usage of natural gas or LPG from the records in section A.III.5 by the emission factors for natural gas/LPG combustion from the Compilation of Air Pollution Emissions Factors (AP-42), Chapters 1.4 and 1.5, Fifth Edition.
5. Compliance with the PM emission limitation in section A.I.1 may also be demonstrated by multiplying the usage of natural gas or LPG from the records in section A.III.5 by the emission factors for natural gas/LPG combustion from the Compilation of Air Pollution Emissions Factors (AP-42), Chapters 1.4 and 1.5, Fifth Edition.
6. Should stack testing be required to demonstrate compliance with any emission limitation specified in this permit, the appropriate method(s) from 40 CFR Part 60, Appendix A and any applicable procedures specified in the OAC rules shall be used.

VI. Miscellaneous Requirements

1.

Emissions Unit	Pollutant	Baseline Existing* Emissions, TPY	Allowable Emissions, TPY	Net Increase, TPY
P101 Paper Machine Operations	OC	27.3	49.5	+22.2
P102 Paper Machine Operations**	OC	19.5	19.5	0

Bay West Paper Corp
 PTI Application: 14-04560
 Modif

Facility ID: 1409010043

Emissions Unit ID: P102

P101 & P102 off-line wire & felt cleaning operations	OC	19.15	26	+6.85
P101 & P102 dryer emissions**	OC	1.4	1.4	0
P103 & P104	OC	10.1	15.1	+5.0
Net Emissions Change	OC	77.45	111.5	+34.05

* Actual average emissions for 1996 and 1997

** As these operations are not being modified in this PTI, the baseline existing is the same as the existing allowable emissions.

2. This permit to install shall supersede permit to install 14-04560 as issued on July 15, 1998.

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P102 - Bay West - paper machine (unit 2) w/ 27 MMBTU per hour dryer	None	None

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P103 - Bay West - natural de-inking process	OAC rule 3745-31-05(A)(3)	See section A.I.2.a and A.II.1 The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(C).
	OAC rule 3745-31-05(C)	See section A.I.2.a
	OAC rule 3745-21-07(G)	See section A.II.1 below.

2. Additional Terms and Conditions

- 2.a The total combined organic compounds (OC) emissions from emissions units P103 and P104 shall not exceed 82.6 pounds per day and 15.1 tons per year.
- 2.b For purpose of this permit, the term "day" shall mean the 24-hour period commencing at 7 a.m.
- 2.c Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the emission limitations and the use of non-photochemically reactive materials.

II. Operational Restrictions

1. To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as raw materials or cleanup materials) shall be employed in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record keeping Requirements

1. The permittee shall collect and record the following information for emissions units P103 and P104:

- a. The total combined amount of machine dried tons of input (MDTI) per day.
- b. The total combined daily OC emissions calculated by using the following equation:

$$\begin{aligned} &\text{Daily OC emissions (in pounds)} \\ &= [\text{MDTI/day} * 0.0311 \text{ lb OC emissions/MDTI}] \end{aligned}$$

The emission factor above is based on emission testing conducted on June 23, 25 and 26, 2003 performed at Bay West.

- c. The total annual OC emission rate calculated as the sum of the total combined daily OC emission rate for each day of the calendar year.

The purpose of the record keeping in this section is to verify the OC emissions limit specified in section A.I.2.a.

2. The permittee shall maintain records for each material employed in this emissions unit that indicate whether or not the material is a photochemically reactive material.

IV. Reporting Requirements

1. The permittee shall submit annual reports that specify the total combined OC emissions from emissions units P103 and P104 for the previous calendar year. These reports shall be submitted by January 31 of each year.
2. The permittee shall submit deviation (excursion) reports that identify all periods of time when a photochemically reactive material is employed in this emissions unit. These reports shall be submitted within 30 days after the occurrence.

V. Testing Requirements

1. Compliance with the OC emission limitations in section A.I.2.a shall be demonstrated by the record keeping in section A.III.1.

Bay W**PTI A**Emissions Unit ID: **P103****Modification Issued: 3/18/2004**

2. Should stack testing be required to demonstrate compliance with any emission limitation specified in this permit, the appropriate method from 40 CFR Part 60, Appendix A and any applicable procedures specified in the OAC rules shall be used.

VI. Miscellaneous Requirements**1.**

Emissions Unit	Pollutant	Baseline Existing* Emissions, TPY	Allowable Emissions, TPY	Net Increase, TPY
P101 Paper Machine Operations	OC	27.3	49.5	+22.2
P102 Paper Machine Operations**	OC	19.5	19.5	0
P101 & P102 off-line wire & felt cleaning operations	OC	19.15	26	+6.85
P101 & P102 dryer emissions**	OC	1.4	1.4	0
P103 & P104	OC	10.1	15.1	+5.0
Net Emissions Change	OC	77.45	111.5	+34.05

* Actual average emissions for 1996 and 1997

** As these operations are not being modified in this PTI, the baseline existing is the same as the existing allowable emissions.

2. This permit to install shall supersede permit to install 14-04560 as issued on July 15, 1998.

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P103 - Bay West - natural deinking process	None	None

2. Additional Terms and Conditions

- 2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Bay W

PTI A

Modification Issued: 3/18/2004

Emissions Unit ID: P104

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**A. State and Federally Enforceable Section****I. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P104 - Bay West - bleach de-inking process	OAC rule 3745-31-05(A)(3)	See section A.I.2.a and A.II.1 The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(C).
	OAC rule 3745-31-05(C)	See section A.I.2.a below.
	OAC rule 3745-21-07(G)	See section A.II.1 below.

2. Additional Terms and Conditions

- 2.a The total combined organic compounds (OC) emissions from emissions units P103 and P104 shall not exceed 82.6 pounds per day and 15.1 tons per year.
- 2.b For purpose of this permit, the term "day" shall mean the 24-hour period commencing at 7 a.m.
- 2.c Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the emission limitations and the use of non-photochemically reactive materials.

II. Operational Restrictions

1. To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), no photochemically reactive materials (i.e., as raw materials or cleanup materials) shall be

employed in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record keeping Requirements

1. The permittee shall collect and record the following information for emissions unit P103 and P104:

- a. The total combined amount of machine dried tons of input (MDTI) per day.
- b. The total combined daily OC emissions calculated by using the following equation:

$$\begin{aligned} &\text{Daily OC emissions (in pounds)} \\ &= [\text{MDTI/day} * 0.0311 \text{ lb OC emissions/MDTI}] \end{aligned}$$

The emission factor above is based on emission testing conducted on June 23, 25 and 26, 2003 performed at Bay West.

- c. The total annual OC emission rate calculated as the sum of the total combined daily OC emission rate for each day of the calendar year.

The purpose of the record keeping in this section is to verify the potential to emit OC specified in section A.I.2.a.

2. The permittee shall maintain records for each material employed in this emissions unit that indicate whether or not the material is a photochemically reactive material.

IV. Reporting Requirements

1. The permittee shall submit annual reports that specify the total combined OC emissions from emissions units P103 and P104 for the previous calendar year. These reports shall be submitted by January 31 of each year.
2. The permittee shall submit deviation (excursion) reports that identify all periods of time when a photochemically reactive material is employed in this emissions unit. These reports shall be submitted within 30 days after the occurrence.

V. Testing Requirements

Bay West Paper Corp
 PTI Application: 14-04560
 Modif

Facility ID: 1409010043

Emissions Unit ID: P104

1. Compliance with the OC emission limitations in section A.I.2.a shall be demonstrated by the record keeping in section A.III.1.
2. Should stack testing be required to demonstrate compliance with any emission limitation specified in this permit, the appropriate method from 40 CFR Part 60, Appendix A and any applicable procedures specified in the OAC rules shall be used.

VI. Miscellaneous Requirements

1.

Emissions Unit	Pollutant	Baseline Existing* Emissions, TPY	Allowable Emissions, TPY	Net Increase, TPY
P101 Paper Machine Operations	OC	27.3	49.5	+22.2
P102 Paper Machine Operations**	OC	19.5	19.5	0
P101 & P102 off-line wire & felt cleaning operations	OC	19.15	26	+6.85
P101 & P102 dryer emissions**	OC	1.4	1.4	0
P103 & P104	OC	10.1	15.1	+5.0
Net Emissions Change	OC	77.45	111.5	+34.05

* Actual average emissions for 1996 and 1997

** As these operations are not being modified in this PTI, the baseline existing is the same as the existing allowable emissions.

2. This permit to install shall supersede permit to install 14-04560 as issued on July 15, 1998.

Bay W

PTI A

Modification Issued: 3/18/2004

Emissions Unit ID: P104

B. State Only Enforceable Section**I. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P104 - Bay West - bleach de-inking process	None	None

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None