



Date: **APR 10 2007**

File: PA-01902

REGISTERED MAIL

Catalyst Paper Corporation and
Catalyst Pulp Operations Limited
doing business as Catalyst Paper, General Partnership
16th Floor, 250 Howe Street
Vancouver British Columbia V6C 3R8

Dear Permittee:

Enclosed is Amended Permit PA-01902 issued under the provisions of the *Environmental Management Act*. Your attention is respectfully directed to the terms and conditions outlined in the permit. An annual fee will be determined according to the Permit Fees Regulation.

This permit does not authorize entry upon, crossing over, or use for any purpose of private or Crown lands or works, unless and except as authorized by the owner of such lands or works. The responsibility for obtaining such authority rests with the permittee. This permit is issued pursuant to the provisions of the *Environmental Management Act* to ensure compliance with Section 120(3) of that statute, which makes it an offence to discharge waste, from a prescribed industry or activity, without proper authorization. It is also the responsibility of the permittee to ensure that all activities conducted under this authorization are carried out with regard to the rights of third parties, and comply with other applicable legislation that may be in force.

This decision may be appealed to the Environmental Appeal Board in accordance with Part 8 of the *Environmental Management Act*. An appeal must be delivered within 30 days from the date that notice of this decision is given. For further information, please contact the Environmental Appeal Board at 250 387-3464.

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Administration of this permit will be carried out by staff from the Vancouver Island Region. Plans, data and reports pertinent to the permit are to be submitted to the Regional Manager, Environmental Protection, at Ministry of Environment, Regional Operations, Vancouver Island Region, 2080A Labieux Road, Nanaimo, BC, V9T 6J9.

Yours truly,



R. Alexander
for Director, *Environmental Management Act*
Vancouver Island Region

Enclosure

pc: Environment Canada
Catalyst Paper Crofton Division, 8541 Hay Road, PO Box 70, Crofton, BC V0R 1R0



**PERMIT
PA-01902**

Under the Provisions of the Environmental Management Act

**Catalyst Paper Corporation and Catalyst Pulp Operations Limited
doing business as Catalyst Paper, General Partnership
16th Floor, 250 Howe Street
Vancouver, British Columbia
V6C 3R8**

is authorized to discharge air contaminants to the air from a pulp and paper mill located in Crofton, British Columbia, subject to the conditions listed below. Contravention of any of these conditions is a violation of the *Environmental Management Act* and may result in prosecution.

This permit supersedes and amends all previous versions of Permit PA-01902 issued under Part 2, Section 14 of the *Environmental Management Act*.

1. AUTHORIZED DISCHARGES

- 1.1. This Subsection applies to the discharge of air contaminants from #3 **RECOVERY BOILER** through as stack identified as 2 as shown on the attached Site Plan A/B.

The site reference number for this discharge is E100154.

1.1.1 The maximum authorized rate of discharge is 4 400 m³ /min. continuously.

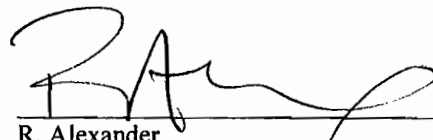
1.1.2 The characteristics of the discharge shall not exceed the limits as follows:

Parameter	Limit
Total Particulate Matter – corrected to flue gas concentration of 6% oxygen (O ₂) by volume	135 mg/m ³ – maximum
Total Reduced Sulphur (TRS) as H₂S	5.0 mg/m ³ – daily average

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1.1.3 The authorized works are non-direct contact black liquor concentrator and evaporators (also authorized in Subsection 1.2.3), electrostatic precipitator, ducts, fans, stack and related appurtenances approximately located as shown on the attached Site Plan A/B.

1.1.4 The authorized works must be installed and operating during discharge.

1.1.5 The location of the facilities from which the discharge originates and the location of the point of discharge is Parcel D (DD 105460-1) of Sections 5 and 6, Range 10, Lot 1, of Sections 4 and 5, Range 10, Plan 8971, Lot 5, of Section 4, Range 10, Composite Plan 3198 Chemainus District and Municipality of North Cowichan except Plans 8971 and 484 BL, Lot 475, Cowichan District.

1.2. This Subsection applies to the discharge of air contaminants from #4 **RECOVERY BOILER** through a stack identified as 5 as shown on the attached Site Plan A/B.

The site reference number for this discharge is E217130.

1.2.1 The maximum authorized rate of discharge is: 7 000 m³/min. continuously when #3 and #4 Recovery Boilers are operating; and 9 000 m³/min. continuously when #4 Recovery Boiler is operating and #3 Recovery Boiler is not operating.

1.2.2 The characteristics of the discharge shall not exceed the limits as follows:

Parameter	Limit – for each of #3 & #4 Recovery Boilers when both #3 & #4 Recovery Boilers are operating
Total Particulate Matter – corrected to flue gas concentration of 6% oxygen (O ₂) by volume	135 mg/m ³ – maximum
Total Reduced Sulphur (TRS) as H₂S	5.0 mg/m ³ – daily average
Parameter	Limit – for #4 Recovery Boiler – when #3 Recovery Boiler is not operating.
Total Particulate Matter – corrected to flue gas concentration of 6% oxygen (O ₂) by volume	165 mg/m ³ – maximum
Total Reduced Sulphur (TRS) as H₂S	6.0 mg/m ³ – daily average

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1.2.3 The authorized works are non-direct contact black liquor concentrator and evaporators (also authorized in Subsection 1.1.3), electrostatic precipitator, ducts, fans, stack and related appurtenances approximately located as shown on the attached Site Plan A/B.

1.2.4 The authorized works must be installed and operating during discharge.

1.2.5 The location of the facilities from which the discharge originates and the location of the point of discharge is the same location as set out in Subsection 1.1.5.

1.3. This Subsection applies to the discharge of air contaminants from **#4 POWER BOILER** through a stack identified as 6 as shown on the attached Site Plan A/B.

The site reference number for this discharge is E100161.

1.3.1 The maximum authorized rate of discharge is 7 000 m³ /min. continuously.

1.3.2 The characteristics of the discharge shall not exceed the limits as follows:

Parameter	Limit
Total Particulate Matter – corrected to flue gas concentration of 12% carbon dioxide (CO ₂) by volume	180 mg/m ³ – maximum 165 mg/m ³ – rolling average of the previous 4 quarterly sampling results
PCDD (polychlorinated dibenzo-p-dioxins) & PCDF (polychlorinated dibenzofurans)	500 pg/m ³ TEQ
Sulphur Dioxide (SO₂)	As specified in Sulphur Content of Fuel Regulation

1.3.3 The fuels authorized for use are clean wood, primary and secondary effluent treatment plant sludge, fuel oil and natural gas.

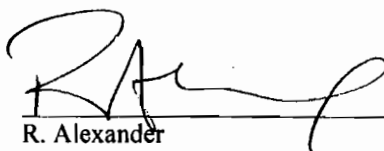
Clean wood means wood which does not contain plastics, biomedical waste, hazardous waste (as defined in the Hazardous Waste Regulation), paints, stains, coatings, or wood preservatives including but not limited to creosote, pentachlorophenol (PCP), chromated copper arsenate (CCA), ammoniacal copper arsenate (ACA).


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1.3.4 The authorized works are multi-cyclones, electrostatic precipitator, ducts, fans, stack and related appurtenances approximately located as shown on the attached Site Plan A/B.

1.3.5 The authorized works must be installed and operating during discharge.

1.3.6 The location of the facilities from which the discharge originates and the location of the point of discharge is the same location as set out in Subsection 1.1.5.

1.4. This Subsection applies to the discharge of air contaminants from **#5 POWER BOILER** through a stack identified as 7 as shown on the attached Site Plan A/B.

The site reference number for this discharge is E212135.

1.4.1 The maximum authorized rate of discharge is 2 850 m³ /min. continuously.

1.4.2 The characteristics of the discharge shall be typical of the discharges from natural gas-fired power boilers.

1.4.3 The fuels authorized for use are natural gas.

1.4.4 The authorized works are a fans, stack and related appurtenances approximately located as shown on Site Plan A/B.

1.4.5 The authorized works must be installed and operating during discharge.

1.4.6 The location of the facilities from which the discharge originates and the location of the point of discharge is the same location as set out in Subsection 1.1.5.

1.5. This Subsection applies to the discharge of air contaminants from:
#1 & #2 LIME KILNS AND #3 & #4 RECOVERY BOILER SMELT DISSOLVING TANKS AND MISCELLANEOUS SOURCES OF TOTAL REDUCED SULPHUR (TRS) identified as:

Source – #1 & #2 LIME KILNS AND #3 & #4 RECOVERY BOILER SMELT DISSOLVING TANKS	Point of Discharge Site Plan A/B	Site Reference Number
#1 & #2 Lime Kilns (combined stack)	1	E217132
#3 Recovery Boiler Smelt Dissolving Tank Stack	2a	0160019
#4 Recovery Boiler Smelt Dissolving Tank Stack	5a	E217131

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Source – MISCELLANEOUS SOURCES OF TOTAL REDUCED SULPHUR (TRS)	Point of Discharge Site Plan A/B	Site Reference Number
TRS Emergency Stack	13	E100156
B-Seal Tank Vent	17	E265862
A-Brown Stock Washer Hood	19	E212142
B/K-Brown Stock Washer Hoods (combined)	18	E212143
A-Foam Tank & Seal Tanks Vent	20	E100156

1.5.1 The maximum authorized rate of discharge –
#1 & #2 LIME KILNS is 950 m³/min. continuously.

The maximum authorized rate of discharge –
#3 & #4 RECOVERY BOILER SMELT DISSOLVING TANKS AND MISCELLANEOUS SOURCES OF TOTAL REDUCED SULPHUR (TRS) is 5 570 m³/min. continuously.

1.5.2 The characteristics of the discharges shall not exceed the following limits:

Parameter	Source	Limit
Total Particulate Matter	#1 & #2 Lime Kilns – combined – corrected to flue gas concentration of 10% oxygen (O ₂) by volume	150 mg/m ³ maximum
	#3 & #4 Recovery Boiler Smelt Dissolving Tanks	0.2 kg/ADUt * maximum – each dissolving tank
Total Reduced Sulphur (TRS) as S	All sources specified in Subsection 1.5 – (except TRS Emergency Stack)	0.225 kg/ADUt * maximum
Sulphur Dioxide (SO ₂)	As specified in Sulphur Content of Fuel Regulation	

*ADUt means an air dry tonne of unbleached pulp product where the weight of the pulp product is corrected to reflect the weight that the pulp product would be if the pulp were composed of 10% water and 90% fibre.

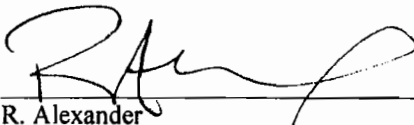
Subject to Subsection 3.2, ADUt production is allocated to #3 & #4 Recovery Boiler Smelt Dissolving Tanks based on the ratio of the actual black liquor solids firing rates.


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1.5.3 The authorized works are an electrostatic precipitator for the lime kilns, wet scrubbers for the recovery boiler smelt dissolving tanks, stacks and related appurtenances, and a non-condensable gas (NCG) collection and treatment system and related appurtenances approximately located as shown on the attached Site Plan A/B. #1 & #2 Lime Kilns are authorized for incineration of concentrated non-condensable gas (CNCG), and #3 Recovery Boiler smelt dissolving tank scrubber is authorized as backup for treatment. #3 and #4 Recovery Boilers are authorized for incineration of dilute non-condensable gas (DNCG).

1.5.4 The authorized works must be installed and operating during discharge.

1.5.5 The location of the facilities from which the discharge originates and the location of the point of discharge is the same location as set out in Subsection 1.1.5.

- 1.6. This Subsection applies to the discharge of air contaminants from **KRAFT PULP MACHINES, THERMOMECHANICAL PULP (TMP) MACHINES, NEWSPRINT MACHINES, MAINTENANCE SHOPS, LABORATORY VENTILATION, FUME HOODS, and STORAGE TANK VENTS** through stacks identified as 22 as shown on the attached Site Plan A/B.

The site reference number for these discharges is E 212149.

1.6.1 The maximum authorized rate of discharge is 21 800 m³/min. (wet basis). The authorized discharge period is continuous.

1.6.2 The characteristics of the discharge are of the nature originating from: the ventilation of buildings, the ventilation of tanks, and the drying of pulp and newsprint.

1.6.3 The authorized works are vents, ducts, stacks and related appurtenances approximately located as shown on the attached Site Plan A/B.

1.6.4 The authorized works must be installed and operating during discharge.

1.6.5 The location of the facilities from which the discharge originates and the location of the point of discharge is the same location as set out in Subsection 1.1. 5.


- 1.7. This Subsection applies to the discharge of air contaminants from **A & B BLEACH PLANT STACKS** identified as 21 and 16 respectively, and the **CHEMICAL PLANT STACK** identified as 16a as shown on the attached Site Plan A/B.


The site reference number for this discharge is E212146.

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1.7.1 The maximum authorized combined rate of discharge from **A & B BLEACH PLANT STACKS** is 3 500 m³/min. The maximum authorized rate of discharge from the **CHEMICAL PLANT STACK** is 100 m³/min. The authorized discharge period for these stacks is continuous.

1.7.2 The characteristics of each of the discharges from **A & B BLEACH PLANT STACKS** shall not exceed daily average concentrations of 10 ppm ClO₂.

1.7.3 The authorized works are a chiller – A & B Bleach Plant stacks, scrubber for chemical plant stacks, fans and related appurtenances approximately located as shown on the attached Site Plan A & B.

1.7.4 The authorized works must be installed and operating during discharge.

1.7.5 The location of the facilities from which the discharge originates and the location of the point of discharge is the same location as set out in Subsection 1.1.5.

2. GENERAL REQUIREMENTS

2.1. Bypasses

The discharge of air contaminants which has bypassed the authorized treatment works is prohibited unless the approval of the Director is obtained and confirmed in writing.

2.2. Process Modifications

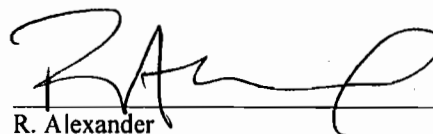
The Regional Manager, Environmental Protection, shall be notified prior to implementing changes to any process that may adversely affect the quality and/or quantity of the discharges.

2.3. Maintenance of Works and Emergency Procedures

2.3.1 The Permittee shall inspect the authorized works regularly and maintain them in good working order. In the event of an emergency or condition beyond the control of the Permittee which prevents effective operation of the authorized works or leads to unauthorized discharge, the Permittee shall comply with all applicable statutory requirements, immediately notify the Regional Manager, Environmental Protection, and take appropriate remedial action for the prevention or mitigation of pollution. The Director may reduce or suspend operations to protect the environment until the authorized works have been restored and/or corrective steps have been taken to prevent unauthorized discharges.

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2.3.2 During and/or after the emergency event or condition, the Permittee shall conduct sampling and analysis of discharges which might be non-compliant with this permit and/or applicable statutory requirements, and as they become available, provide the results to the Regional Manager, Environmental Protection, or designated Officer.

2.3.3 Within 30 days of the emergency event or condition, provide a report including results of sampling and analysis, non-compliance with this permit and/or applicable statutory requirements, corrections to the operational system, root cause of the emergency event or condition, and decisions for corrective and preventive action.

2.4. Standard Conditions

For the administration of this permit all gaseous volumes shall be converted to standard conditions of 293.15 °K and 101.325 kPa with zero percent moisture (unless otherwise specified).

2.5. Sulphur Content Of Fuel

The Permittee is required to comply with the Sulphur Content of Fuel Regulation. In a manner satisfactory to the Director, the permittee shall determine the sulphur content of each shipment of fuel received.

2.6. Upgrading for the Reduction of Discharges

Based on the results of the ambient air monitoring program and/or other information obtained in connection with the discharges from sources authorized in this permit, the Director may require the Permittee to reduce the emissions from these sources.

2.7. Nitrogen Oxides

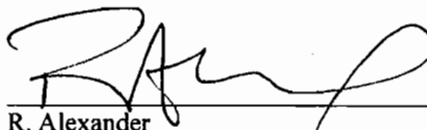
The Permittee may be required to install additional works or take measures to control the discharge of nitrogen oxides from the recovery boilers, power boilers and lime kilns.

2.8. #4 Power Boiler Salt Allowance

The Director may give an allowance for uncollected salt particles in the Total Particulate Matter discharged from #4 Power Boiler as specified in Subsection 1.3.2.

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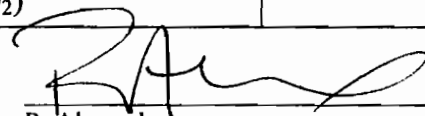
3. MONITORING AND REPORTING REQUIREMENTS

3.1. Discharge of air contaminants from mill process:

Source of Discharge	Parameter	Sampling/Analysis Frequency
#3 & #4 Recovery Boilers (Subsections 1.1 & 1.2)	Total Particulate Matter	Quarterly
	Total Reduced Sulphur (TRS) as H ₂ S	Continuously – See note 7.
	Nitrogen Oxides (NO _x)	See note 1.
	Sulphur Dioxide (SO ₂)	Continuously – See note 7.
#4 Power Boiler (Subsection 1.3)	Total Particulate Matter	Quarterly – See note 2.
	Opacity (correlated to stack test information)	Continuously – See note 7.
	Nitrogen Oxides (NO _x)	See note 1.
	Sulphur Dioxide (SO ₂)	Quarterly – See note 3.
	PCDD & PCDF	Annually – See notes 5 & 6.
#5 Power Boiler (Subsection 1.4)	Nitrogen Oxides (NO _x)	See notes 1.
	Sulphur Dioxide (SO ₂)	See note 3.
#1 & #2 Lime Kilns (Subsection 1.5)	Total Particulate Matter	Quarterly
	Total Reduced Sulphur (TRS) as H ₂ S	Quarterly – See note 4.
	Sulphur Dioxide (SO ₂)	Quarterly – See note 3.
	Nitrogen Oxides (NO _x)	See note 1.
#3 & #4 Recovery Boiler Smelt Dissolving Tanks (Subsection 1.5)	Total Particulate Matter	Quarterly
	Total Reduced Sulphur (TRS) as H ₂ S	Quarterly – See note 4.
A-Brown Stock Washer Hood (Subsection 1.5)	Total Reduced Sulphur (TRS) as H ₂ S	Quarterly – See note 4.
B/K-Brown Stock Washer Hoods (Subsection 1.5)	Total Reduced Sulphur (TRS) as H ₂ S	Quarterly – See note 4.
A-Foam Tank & Seal Tanks Vent (Subsection 1.5)	Total Reduced Sulphur (TRS) as H ₂ S	Quarterly – See note 4.
B-Seal Tank Vent (Subsection 1.5)	Total Reduced Sulphur (TRS) as H ₂ S	Quarterly – See note 4.
A & B-Bleach Plant Stacks (Subsection 1.7)	Chlorine Dioxide (ClO ₂)	Continuously – See note 7.

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Note 1. – The Director may specify a monitoring program (consisting of periodic or continuous sampling) for NO_x. The results of continuous sampling shall be averaged over a period approved by the Director.

Note 2. – In addition to determining the total particulate concentration in mg/m³, the particulate collected shall be analyzed for chlorides and the results reported in terms of sodium chloride.

Note 3. – If fuel oil is used in any quarter, the sulphur content of each delivery shall be determined.

Note 4. – The method for calculating the TRS discharge in terms of kg/ADUt shall be acceptable to the Director.

Note 5. – Testing for PCDD (polychlorinated dibenzo-p-dioxins) & PCDF (polychlorinated dibenzofurans) shall follow the frequency and procedures specified under the Canada-Wide Standards for Dioxins and Furans.

Note 6. – PCDD & PCDF shall be expressed in dioxin toxicity equivalent value (dioxin TEQ) as defined in the *Hazardous Waste Regulation*.

Note 7. – Maintain records for inspection and report daily average continuous monitor readings.

Based on these monitoring results and/or any other pertinent information, the Director may increase or alter the monitoring requirements.

3.2. Operating Conditions

For the purpose of validating the sampling and monitoring data, sampling shall be done under actual operating conditions when, in the opinion of the Director, the Permittee is able to document that these conditions represent an operational level equal to or greater than the 90th percentile for the 90 days, or other period approved by the Director, prior to the sampling date.

The Permittee shall schedule and carry out quarterly sampling of #4 Power Boiler stack only during periods within each quarter when the boiler is fired with wood.

The 90th percentile operational requirement does not apply to the sampling for TRS, PCDD and PCDF – see notes 4, 5, and 6, Subsection 3.1.

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The following parameters are considered in determining actual operating conditions:

- Production Rate – unbleached Kraft pulp – ADUt/day
- #3 & #4 Recovery Boilers – black liquor solids fired – tonnes/day
- # 4 Power boiler –
 - Wood derived steam production – tonnes/hour
 - Total steam production – tonnes/hour
- #1 & #2 Lime kilns – bone dry lime mud fired – tonnes/day.

3.3. Record of Fuel – #4 Power Boiler

For #4 Power Boiler, the Permittee shall determine and record, in a manner satisfactory to the Director, the individual rates of clean wood and effluent treatment plant sludge, as-fired into the boiler during each quarterly stack sampling event.

3.4. Venting of CNCG and DNCG

The Permittee shall record the duration and frequency of discharges from the TRS emergency stack as authorized in Subsection 1.5. Based on the monitoring results and/or other pertinent information, the Director may change conditions for the discharge of air contaminants from these sources.

3.5. Ambient Air

The Permittee shall suppress fugitive dust created within the operation area, and carry out an ambient air quality monitoring program, as approved by the Director, such that at points designated by the Director:

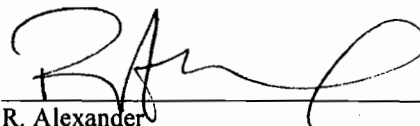
- The suspended particulate matter with an effective diameter of 10 μm or less (PM_{10}) and 2.5 μm or less ($\text{PM}_{2.5}$) is measured, and the results recorded as micrograms per cubic metre averaged over one hour periods.
- Total reduced sulphur (TRS) as H_2S is continuously measured and the results recorded in parts per billion (volume) averaged over one hour periods.
- Oxides of Sulphur (SO_x), oxides of Nitrogen (NO_x), and HCl are continuously measured and the results recorded in parts per billion (volume) over one hour periods.
- A meteorological station capable of measuring wind speed, direction and temperature is operating.

The sampling of parameters, frequency and locations may be adjusted from time-to-time as directed by the Director. Based on the results of monitoring the Permittee may be required to implement additional works.

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3.6. Tank, Steam and Building Ventilation-type Discharges

Based on monitoring results, upgrading may be required and/or the permit amended to specify discharge limits.

3.7. Sampling and Analytical Procedures

Sampling shall be carried out in accordance with the procedures described in the most recent edition of the "British Columbia Field Sampling Manual for Continuous Monitoring Plus the Collection of Air, Air-Emission, Water, Wastewater, Soil, Sediment, and Biological Samples" or by suitable alternative procedures as authorized by the Director.

Analyses are to be carried out in accordance with procedures described in the most recent edition of "British Columbia Laboratory Methods Manual for the Analysis of Water, Wastewater, Sediment, Biological Materials and Discrete Ambient Air Samples" or by suitable alternative procedures as authorized by the Director.

Copies of the above manuals may be purchased from Queen's Printer Publications Centre, P. O. Box 9452, Stn. Prov. Gov't. Victoria, British Columbia, V8W 9V7 (1-800-663-6105 or (250) 387-6409). The manuals are also available at http://wlapwww.gov.bc.ca/air/wamr/labsys/lab_meth_manual.html and at all Environmental Protection offices.

3.8. Sampling Location and Techniques

All sampling locations, techniques, and equipment require the consent of the Director prior to use. Sampling and monitoring data, which also should include rate of discharge measurements, shall be accompanied by process data relevant to the operation of the source of the emissions and to the performance of the pollution abatement equipment involved in the testing.

3.9. Source Testing Facilities

The Permittee shall provide and maintain suitable support facilities to enable ministry personnel to monitor emissions from sources specified by the Director.

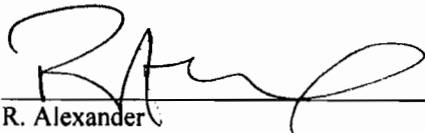
3.10. Quality Assurance

All data of analyses required to be submitted by the permittee shall be conducted by a laboratory acceptable to the Director. At the request of the Director, the Permittee shall provide the laboratory quality assurance data,

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associated field blanks and duplicate analysis results along with the submission of data required under Subsection 3.1 of the permit.

3.11. Reporting

The Permittee shall submit reports in a format satisfactory to the Director including:

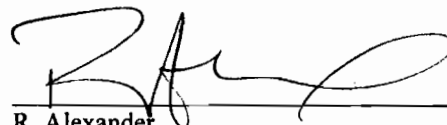
- Information required by Subsections 2.2 and 2.3.
- Once each calendar quarter year within 30 days of each quarter:
 - The results of the monitoring requirements specified in Subsections 3.1, 3.2, 3.3, 3.4 and 3.5.
 - All occurrences of non-compliance with the requirements of this permit and/or applicable statutory requirements, all relevant results of sampling and analysis, explanation of the most probable cause(s) of the occurrences, and corresponding corrective and preventive actions taken and/or planned
 - Failures of Ministry audits of continuous monitors, explanation of the most probable cause(s) of the failures, and corresponding corrective and preventive actions taken and/or planned.
- Annually, on or before March 1, a compilation and interpretation of all occurrences of non-compliance with this permit and/or applicable statutory requirements, and continuous monitor failures of the previous calendar year, with an evaluation of the effectiveness of corrective and preventive actions taken.
- Annually, on or before June 30, a comprehensive review and analysis of the ambient air monitoring data obtained during the previous calendar year, including but not limited to trend analysis, conclusions and recommendations.

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(most recent)

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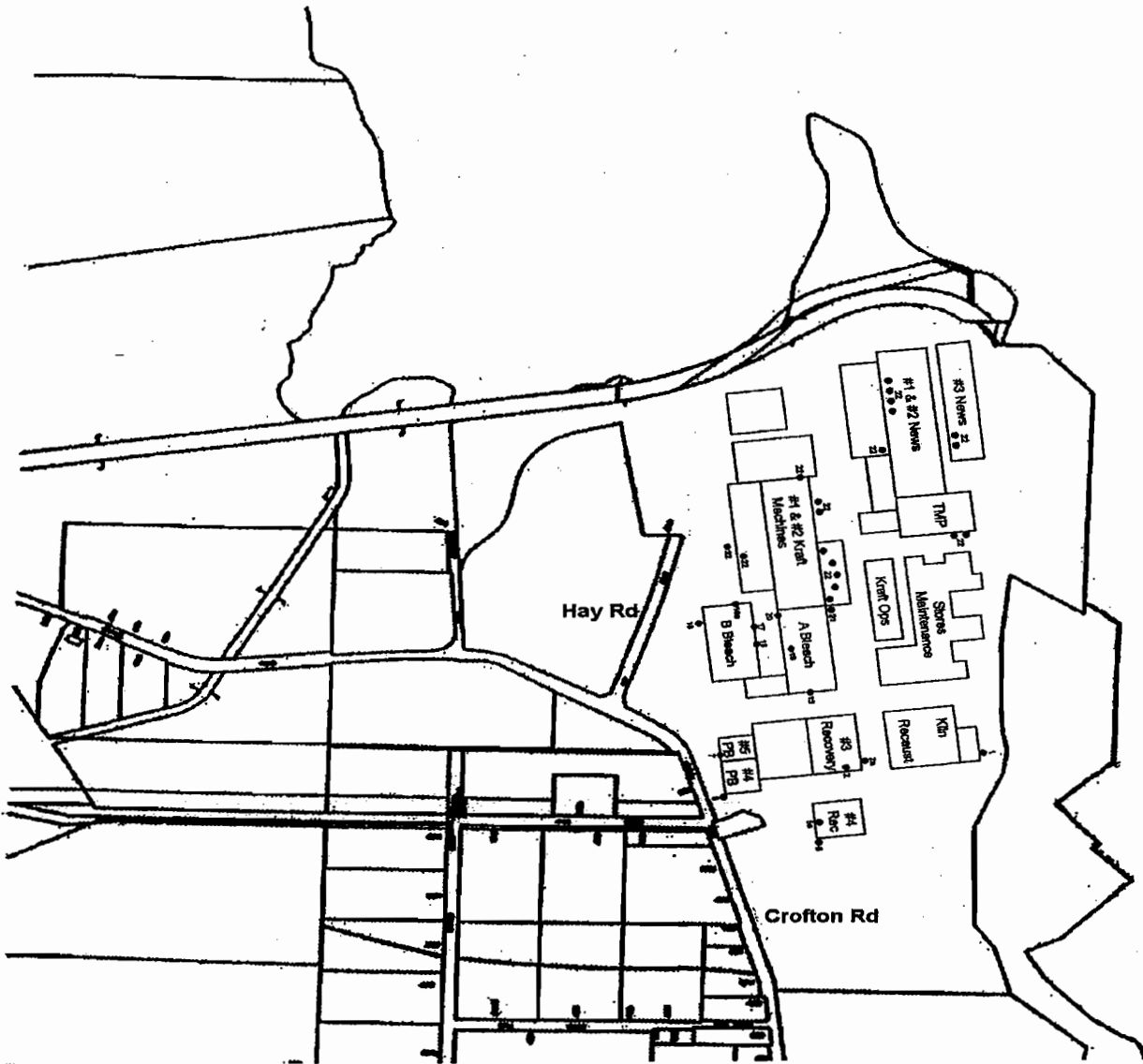
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Vancouver Island Region
Permit Number: PA-01902



SITE PLAN A



Location Map

Not to Scale

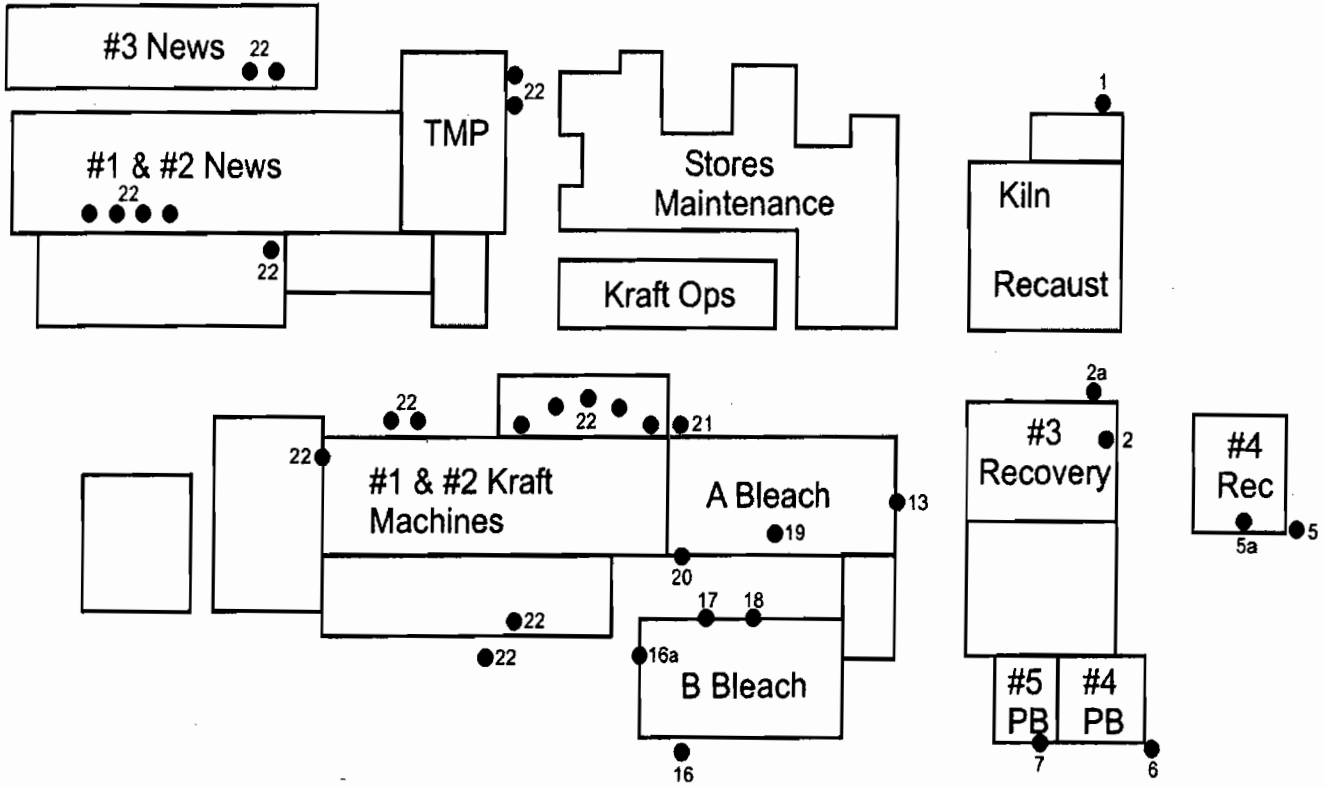
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Vancouver Island Region

SITE PLAN B – Mill Stacks



Stack/ Vent	Description	Site Reference
1	KILN – combined	E217132
2	#3 RECOVERY	E100154
2a	#3 RECOVERY DISSOLVING STACK	0160019
5	#4 RECOVERY	E217130
5a	#4 RECOVERY DISSOLVING STACK	E217131
6	#4 POWER BOILER	E100161
7	#5 POWER BOILER	E212135
13	TRS EMERGENCY STACK	E100156
16	B BLEACH PLANT STACK	E212146
16a	CHEMICAL PLANT STACK	E212146
17	B SEAL TANK VENT	E265862
18	B/K BROWN STOCK WASHER HOODS – combined	E212143
19	A BROWN STOCK WASHER HOODS	E212142
20	A FOAM TANK VENT & SEAL TANK VENT	E100156
21	A BLEACH PLANT STACK	E212146
22	KRAFT PULP MACHINES, THERMO-MECHANICAL (TMP) PULP MACHINES, NEWSPRINT MACHINES, MAINTENANCE SHOPS, LABORATORY VENTILATION, FUME HOODS, STORAGE TANK VENTS	E212149

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